Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

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Volume 132 OCTOBER 4, 1937 Number 14

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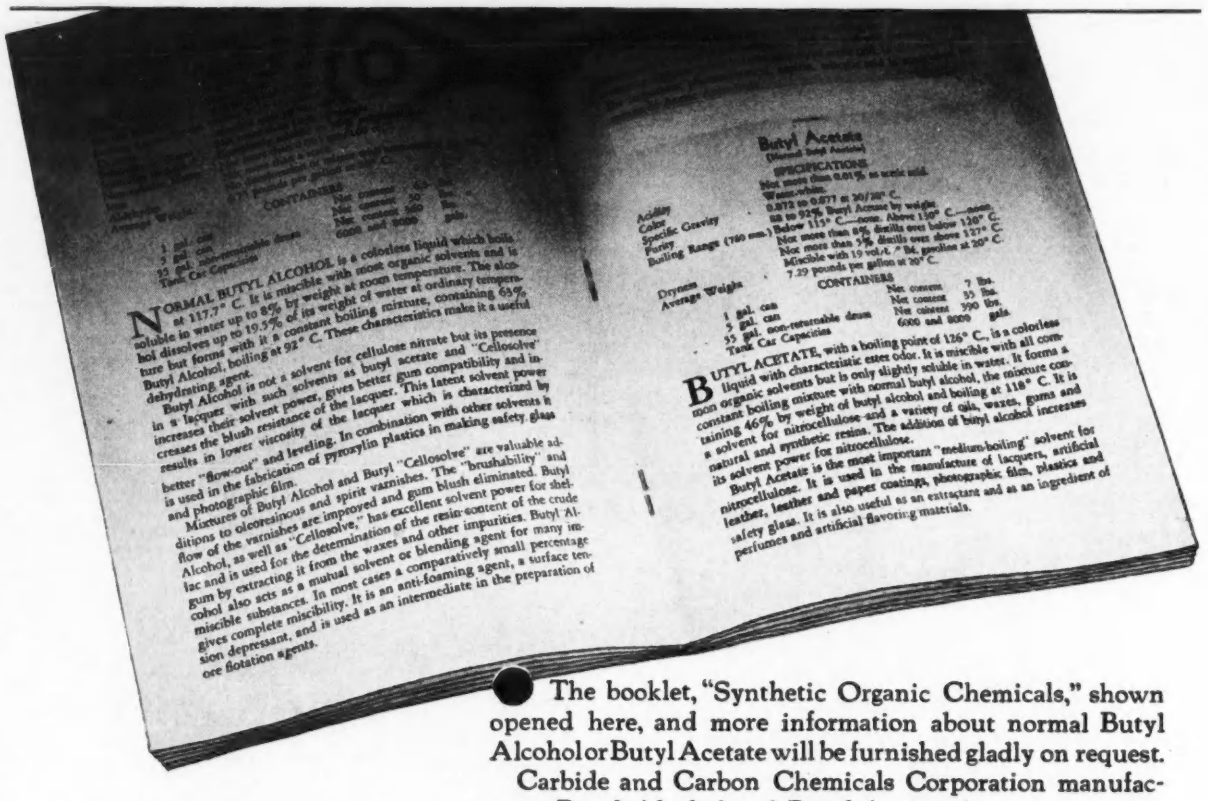
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miscible substances. In most cases a comparatively small percentage
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The booklet, "Synthetic Organic Chemicals," shown opened here, and more information about normal Butyl Alcohol or Butyl Acetate will be furnished gladly on request.

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PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 132 OCTOBER 4, 1937 Number 14

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Patman Act Suits Hit Optical Firms

American Co. and Bausch & Lomb Are Charged with Price Discriminations

The Federal Trade Commission has issued two complaints alleging price discrimination, in violation of the Robinson-Patman Act, one against the American Optical Company, Southbridge, Mass., and its officers, and the other against the Bausch & Lomb Optical Company, Rochester, N. Y., and six wholesaling outlets which it controls.

The officers of the American Optical Company are:—President, George B. Wells; chairman of the board, Albert B. Wells; vice-president and general manager, Ira Mosher; vice-president in charge of sales, Charles O. Cozzens; vice-president in charge of research, John M. Wells; treasurer, Edward E. Williams; secretary, A. Turner Wells. The company operates 320 branch offices, each of which functions as a wholesaler, and employs more than 300 salesmen. In 1936 it had a total sales volume of approximately $18,500,000, according to the complaint.

The wholesalers named in the Bausch & Lomb complaint are:—The Colonial Optical Company, New York; McIntire, Magee & Brown, Philadelphia; Riggs Optical Company Consolidated, Chicago; Riggs Optical Company, San Francisco; Southeastern Optical Company, Richmond, Va., and the White, Haines Optical Company, Columbus, O. Through ownership of a controlling share of the stock in each of these companies, Bausch & Lomb directs their sales policies and pricing and selling activities.

The respondents are engaged in the manufacture and interstate sale of optical goods and opthalmic products, including lenses, frames, mountings, optical machinery and tools, grinding and polishing materials. The complaint alleges they are discriminating in price between different purchasers of their optical supplies of like grade and quality, by allowing certain purchasers lower prices, or adjustments, rebates or discounts in the form of cash or commodities, which are not granted to other purchasers competitively engaged in the resale of optical products. Customers in whose favor such price discriminations allegedly are made, the complaints charge, are generally the larger dealers, who thus are enabled to undersell their competitors or to furnish superior facilities and services to prospective purchasers, trade thereby being diverted from the smaller retailer. The complaint states that the effect of the alleged practices may tend to create in the respondents and their favored customers a monopoly in the manufacture and sale of optical supplies and to destroy competition.

Petroleum Men Fight Government's Control

ROCHESTER, N. Y., Sept. 30, 1937.

Delegates to the annual convention of the National Association of Petroleum Retailers started a drive today against government regulation of the petroleum industry.

Wilmer R. Schuh, Milwaukee, president of the organization, led the attack on government control, stating that the association would continue its fight for a voluntary marketing code in the oil industry or get a satisfactory explanation why it cannot have one.

Dr. Willard L. Thorp, economist, said legislation could not be substituted for efficient operation, and that fundamental economic conditions could not be changed by law.

The Federal Trade Commission September 5 rejected a code submitted by a committee of the industry, branding it as "contrary to law and public interest."

Bargain-Baiter Sophistry Exposed

Department Store's Comment on Effects of Fair Trade Acts Is as Misleading as Impression It Seeks to Give by Cutting Prices on Some Goods

Interests with axes to grind protest too much today, just as they did when Shakespeare put a finger on the implications of excessive protestation. Excessive protestors take in too much territory; hence they must adduce prejudicial conclusions to keep their asseverations going. Thus it is with the department store in this city which, foreseeing the spiking of its biggest gun of competition by the fair pricing required by fair trade acts, continues volubly to advertise its "duty" of "protecting the interests of some 137,000 consumers a day" by commenting on the development and application of legislation of this type; or, as it says, the "progress made by the price-fixers at the expense of the consumer."

In its latest dissertation on its "pet peeve," this store, with a misfitting assumption of concern for its "misguided" competitors, sets out to demonstrate how fair pricing, which it insists upon calling "price-fixing," will prove detrimental to "independent"—what a stumbling term that is!—retailers, as well as to consumers. It wears its arguments still more threadbare; their sophistry becomes more patent.

Lugubriously declaring that "by reason of price-fixing" it is now compelled to sell an assorted variety of 2,602 articles at prices averaging 13.3 percent more than those at which it had sold them "in free competition" prior to "price-fixing," this champion of the "right" to bargain-bait the consumer points out that, although these 2,602 articles are but a small part of the "more than 300,000 different articles" which it regularly offers, there is significance in the raising of these prices "of the inroads which may be made upon the consumer pocketbook, if national price-fixing spreads."

Then, graciously to set at rest the misgivings that it has raised in the consumer's mind, the bargain-baiter "protector" of the consumer's interests dogmatically pronounces that "national price-fixing" will not spread—if! Here are its pronouncements, analytically replied to:—

The bargain-baiter says:—

It will not spread if most manufacturers continue to refuse to make their products harder for the consumer to buy.

But:—

The truth is exactly the reverse of this conclusion. Fair pricing will spread as manufacturers in increasing numbers refuse longer to make it harder for a consumer to buy their goods—through the necessity of going out of his way to get them at a store which, by making the goods obnoxiously unprofitable to individual, neighborhood retailers, has monopolized the distribution. Wide distribution is the only effective complement of national advertising; wide distribution and monopolistic price-cutting are incompatible.

The bargain-baiter says:—

It will not spread if the consumer declines to pay fixed prices.

But:—

The consumer knows that all prices he is required to pay are fixed by someone. He should know that there is no actual advantage for him in the price-fixing scheme employed by bargain-baiters, whereby he is forced to pay dimes—even dollars—excessively for who knows how many articles in order that he may temporarily buy one or more others for a few cents less than the fair price. The consumer, in large majority, has let it be known that he regards sweatshop wages as repugnant; he is equally antipathetic toward a system that subjects his retailer friend and neighbor to squeeze-out competition in price.

The bargain-baiter says:—

It will not spread if retail stores continue to offer you wide assortments of goods not price-fixed—both sound national brands and sound private brands.

But:—

All goods are price-fixed, and only at an auction does the buyer have any say in the fixing. The overhead and operating costs of department and chain stores are at least as high as those of the individual retailer. These stores fix their prices to cover that cost, with a goodly margin. The consumer pays the bill; if not on one article, then on many others, especially on "sound" private brands. Selling without profit, or at a loss, one article of each 115 stocked (2,602 out of over 300,000) has only one purpose; this is to promote the sale of the other 114 articles at exorbitant profits—the overhead and operating costs must be covered, and a profit must be, always is, made.

The bargain-baiter says:—

It will not spread as more and more independent retailers discover that they may have been "taken in" by laws which prevent the customer from buying freely, in natural competition—as the consumer has always bought and probably always will.

But:—

There is no such thing as free or natural competition. Competition is constrained; it is artificial, created by one or another means of sales promotion. The consumer will pay whatever he thinks an article is worth; he always has done this; otherwise there could be no sales of a dollar article in competition with similar articles priced at 25 cents or less. "Independent" retailers—there is much naivety and more than a little irony in a department store's using the term, "independent," to distinguish its competitors, because the opposite of "independent" is "monopoly"—"independent" retailers, and independent consumers, too, know that fair competition is much to be preferred to "free" competition that denies all freedom to competitors and is patently aimed at monopoly through their destruction.

The bargain-baiter says:—

It will not spread as more and more retailers realize that laws that promise to "yield a higher percentage of profit" cannot make good if they actually reduce the number of articles the consumer can "afford."

But:—

Fair trade laws are not looked to for a high percentage of profit; they are expected to prevent the forcing of competitors to sell without any profit, often at a loss. One of the most misleading and insincere pronouncements of the bargain-baiter school of economy—and it is a widely circulated one—is that it is more profitable to sell a large number of an article or of several articles with a loss on each unit than it is to sell a lesser number of articles at a profit. The sophistry of this is clear as day; but some believe it and many designedly profess to. If a consumer can afford to spend $10, even a third-grade schoolchild knows that a dealer cannot make a profit by giving this buyer, for the $10, goods that cost him $11 to supply. It is equally elementary that there is profit in selling for $10 goods that cost $9 to supply. It isn't the number of articles he sells, but the price he gets for what he sells, that enables a retailer to live. Trite as is this statement, it is the only answer, and a complete one, to the bargain-baiters' sophistry—the more you sell at a loss the more you make!

Closing Market Developments

London Closing Cable

LONDON, Oct. 1, 1937.

Quicksilver was quoted £13 10s. per flask.

Botanicals Strong and Advancing

Late last week, the botanical drug market was strong in undertone and advancing in prices. Cassia buds were quoted 30c. to 31c. per pound; horehound herb, 13c. to 14c.; domestic peppermint leaves, 25c. to 33c.; pale rose petals, 35c. to 40c.; and spikenard root, 14c. to 15c.

Fertilizer Organics Dull

Packing house ammoniates and other organic fertilizer materials were very dull as last week closed. Prices were largely nominal on the lack of trading.

Straits Tin Firmer

Straits tin was firmer at the close of the week, sellers reporting 56¼c. per pound. This firmer price tone was reflected in the derivatives. Copper was 13c. per pound in all quarters of the market, the 12½c. per pound price having been withdrawn by the one custom smelter quoting that price Thursday. A London Central News cable stated that a reduction in foreign copper production by members of the cartel has been agreed upon whereby the rate of output will be lowered to 105 percent of stannard tonnages.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Calcium Cyanamide:—Italy will permit an additional quota of 27,000 metric tons of calcium cyanamide to be imported free of duty by decree effective August 1.

Oil Seeds:—New Caledonia has continued until December 31 the increased import duties on oil seeds.

S. B. Penick & Co. Buys Murray & Nickell Co.

S. B. Penick & Co. reports the purchase of the entire business assets of the Murray & Nickell Manufacturing Company, Chicago, including stocks of merchandise, plant equipment and good will.

The activities of the Murray & Nickell going concern will be merged with the present Chicago branch of the Penick Company, providing a great increase in facilities.

As the Penick company has recently sustained a fire loss in its Weehawken plant, the acquisition is timely for the company's immediate requirements.

McK.&R. to Purchase Blumauer-Frank Assets

McKesson & Robbins, Inc., manufacturing and wholesale drug concern, Bridgeport, Conn., has completed negotiations for the purchase of the assets of the Blumauer-Frank Drug Company, wholesaler, with houses in Portland, Seattle, and Spokane. The Blumauer-Frank company, which is one of the oldest and largest in the wholesale drug field in the Northwest, has been owned by an estate, which decided to discontinue the operation of the business.

McKesson & Robbins' sales in the eight months ended August 31 totaled $103,386,923, representing an increase of 7.6 percent over sales in the corresponding 1936 period.

Drug Trades Exposition In This City Oct. 12-14

The sixth annual Drug Trades Exposition will be held in the Grand Central Palace, this city, October 12 to 14. The exposition is made up of exhibits by nationally known manufacturers and is sponsored by the Drug Salesmen's Association of New York. All sorts of merchandise sold in the retail drug store will be displayed.

Formerly this exposition was attended only by those connected with the drug trade, but this year arrangements have been made to allow the general public to attend. Tickets for distribution among the public have been provided to drug stores throughout the metropolitan area.

Chemical Price Average Lowered

Reductions in quotations on number of important articles, particularly in respect of heavy items, caused a drop last week in the general price average of the markets for heavy and fine chemicals: The number of reductions made was relatively large, and advances were more than a few, some of them being of major significance.

Business was quiet, but not unexpectedly so, for the end of the quarter. Uncertainty of the outlook was more noticeable, but there was very little factual evidence to support this position, which in large part reflected Wall Street influences.

The domestic call for phenol slackened a little, but export demands for this article and benzol continued heavy. An unexpected reduction was made in prices of citrates. Supplies of a few imported chemicals were getting alarmingly low.

Prices were advanced on red lead, litharge, orange mineral, antimony metal, imported saltcake, aloin, dried blood at Chicago, bonemeal and fertilizer tankage at the same point. Prices were reduced on calcium acetate, acetic acid, lead acetate, copper metal, blue vitriol, carbonate and black oxide of copper, tin crystals, tetrachloride of tin, stannate of soda, citric acid, citrates of potash and soda, quicksilver vermilion, gum and wood turpentine and rosins, bonedry shellac, domestic castor pomace, imported and domestic nitrogenous fertilizer stuff in the East, dried blood and ground tankage at New York, raw bone at Atlantic Coast points, and imported dried blood and steamed bone.

The REPORTER'S composite index number of prices for heavy and fine chemicals receded to 127.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 90.3, compared with 89.0 at this time last year.

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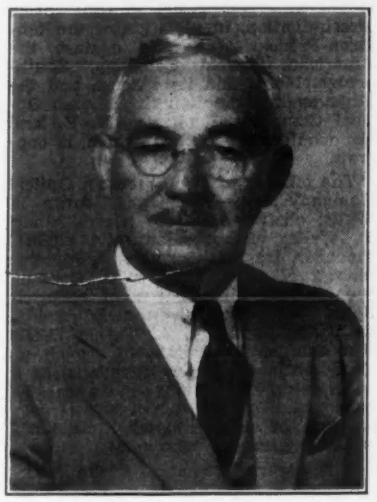
National Paint Salesmen Hold First Convention

Ten Clubs Vote to Make Occasion Annual Affair—Robinson Is Re-elected

ATLANTIC CITY, Sept. 25.

The first convention of the National Paint Salesmen Association was held here yesterday and today and became an annual affair by enthusiastic vote of the 112 men present from ten clubs:—Baltimore, Chicago, Cleveland, Connecticut, New England, New Jersey, New York, Philadelphia, Pittsburgh, and Richmond.

Officers elected were: — President, William A. Robertson, of the Hanlon & Goodman Company, charter member of the New York and New Jersey Club;



Harry H. Loewenstein

vice president, Charles B. Keys, of the Periseal Company, Chicago, formerly secretary-treasurer; regional vice presidents, Ben A. Landau, of the Athey Paint Company Baltimore club; E. J. Holden, of the Keystone Varnish Company, Connecticut Club; E. A. Lightfoot, of the De Vilbiss Company, Pittsburgh Club; A. R. Beane, Portland, Oregon, club; secretary-treasurer, Harry H. Loewenstein, Philadelphia Club.

Triumph for Members

The convention was in the nature of a personal triumph for some of the members present, particularly for Mr. Robertson, who was elected president for a third term; for John A. Hellawell, founder and first and twenty-fifth president of the New York Club, who was honored at a testimonial dinner; for Harry H. Loewenstein, who suggested the meeting, promoting and putting it over with a bang, and for James C. Kelly, New York and New Jersey Clubs, whose father founded a national paint salesmen's organization twenty years ago, and who delivered an unusual paper on the besetting evils of the industry as seen through a salesman's eyes.

The business sessions were followed with great individual interest, participation and enthusiasm, plus a mass determination to get going and keep going.

Announcement was made that Syracuse had formed a club, and an automobile safety campaign resolution was unanimously adopted by those present (men who are compelled by their work to use the roads at all hours of the day and night), who pledged themselves to drive cautiously and to give moral support to national and local safety campaigns.

Among the speakers were President Robertson, Mr. Loewenstein and the following club presidents, who delivered specially prepared papers:—S. J. Gorman, jr., Philadelphia, "Our Relations with Other Groups in the Industry"; W. H. Johnson, New Jersey, "What Co-operation with the Painter and Dealer Means to the New Jersey Club"; Ben A. Landau, Baltimore, "Procedure to Be Followed in Forming New Clubs"; A. M. Eike, Richmond, Va., "Is the South a Fertile Field for Salesmen's Clubs?"; A. D. Stanford, Pittsburgh, "Junior Salesmen's Training Courses as One of Our Activities"; W. O. Gairns, Chicago, (read by Arthur H. Schroeder) "Suggestions for Development of Salesmen's Clubs in the West"; Donald E. Turner, New York, "Why the Salesmen's Club."

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Chemical Workers And Payrolls Gain

August Employment 10 Percent Above Corresponding Level of 1936

Employment in factories engaged in the manufacture of chemicals and related products in the United States recorded a slight increase from July 15 to August 15, 1937, an advance of 0.4 percent being reported by the Bureau of Labor Statistics. At the end of the monthly period employment stood 10.1 percent above the corresponding level for August, 1936. Payroll totals showed an increase of 3.1 percent in the monthly period and stood 30 percent above the corresponding level for August, 1936.

The Bureau of Labor Statistics' index number for factory employment in the chemical group of industries, August 15, 1937, was 124.9 (100=1923-25 average), compared with 124.3 for July, and 113.4 for August, 1936. For payroll totals the index number was 141.1 (same basis), compared with 136.8 for July, and 108.1 for August, 1936.

The bureau's general index numbers for all manufacturing industries, August 15, 1937, show the following comparisons:—

	August, 1937.	July, 1937.	August, 1936.
Employment	102.2	101.4	93.5
Payroll totals	103.7	100.4	77.0

Employment in the chemical group of industries August 15, 1937, was 22 percent above the general average for all industries, and 33 percent above the general average for August, 1936. Payroll totals were 36 percent above the general average for all industries August 15, 1937, and 68 percent above the general average for August, 1936.

Detailed Comparisons

Employment

(100=1923-25 average)

	August, 1937.	July, 1937.	August, 1936.
Chemicals	137.1	139.5	123.0
Cottonseed oil, cake and meal	52.6	41.8	45.7
Druggists preparations	112.8	106.2	100.3
Explosives	95.7	95.3	88.3
Fertilizers	73.8	69.8	60.8
Paints and varnishes	132.8	136.3	124.4
Petroleum refining	128.4	127.5	118.3
Rayon and allied products	403.6	401.0	356.7
Soap	101.7	102.4	101.7

Payroll Totals

(100=1923-25 average)

	August, 1937.	July, 1937.	August, 1936.
Chemicals	156.1	153.9	117.7
Cottonseed oil, cake and meal	44.2	35.3	37.5
Druggists preparations	123.4	112.0	105.2
Explosives	107.4	103.8	88.3
Fertilizers	80.1	77.1	55.4
Paints and varnishes	135.5	138.3	113.5
Petroleum refining	151.3	143.1	112.2
Rayon and allied products	402.1	392.9	300.1
Soap	117.0	116.9	100.6

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 average:—

	Employment—August.	Employment—July.	Payroll totals—August.	Payroll totals—July.
Metalliferous mining	82.4	81.2	82.5	77.5
Quarrying and non-metallic mining	55.0	55.5	53.4	51.0
Crude petroleum producing	80.2	80.1	70.9	71.6
Dyeing and cleaning	85.7	85.6	70.0	67.1

Employment in New York

Employment in factories producing chemicals and related products in New York State gained 0.3 percent in the State during the period July 15 to August 15, 1937, and increased 0.5 percent in the city, according to the records of the State Department of Labor.

General factory employment increased 1.1 percent in New York State during the monthly period and 6.9 percent in the city. General factory payrolls were 1.5 percent higher in the State and 10.7 percent higher in the city. The department's general factory index numbers, August 15, 1937 (100=1925-27 average), were:—Employment 89.3 (12 percent above the 1936 level); payroll totals, 86.4 (22 percent above the 1936 level).

August Compared with July

	Percentages—State.	Percentages—City.
Drugs and industrial chemicals	+0.1	—0.3
Oil products	—2.9	+0.5
Paints and colors	—0.4	+0.3
Photographic and miscellaneous chemicals	+1.6	+4.1

N.A.R.D. Revises Fair Trade Plan

Seven-Point Program Adopted to Avoid Chance of Illegality—Smith Elected President

ST. LOUIS, Sept. 30, 1937.

The National Association of Retail Druggists at its thirty-ninth annual convention here today unanimously adopted a revised seven-point program for the application of State fair trade laws to take the place of the twelve-point plan adopted at the conference of representatives of State fair trade committees in Chicago, August 30 and 31. The revised program, drafted by John W. Dargavel, secretary of the association, was prepared as a result of practical and legal difficulties which were disclosed in the plan as adopted in Chicago.

The revised program is as follows:—

Advisory Board Planned

1. The National Association of Retail Druggists shall set up an advisory committee or board, responsible directly to the association whose function it will be to scrutinize carefully fair trade contracts submitted to it by manufacturers to the end that no provisions appear therein in contravention of State fair trade laws and the Tydings-Miller act; and neither the National Association of Retail Druggists nor the advisory board shall take jurisdiction or responsibility over the minimum prices which may be designated in the contract. The advisory council is not to be informed as to the minimum prices intended to be designated by the manufacturer, and each manufacturer shall be free to designate any minimum resale prices he desires. The National Association of Retail Druggists may invite other trade associations to appoint representatives upon the committee or board.

Educational Campaign

2. The National Association of Retail Druggists and the State fair trade committees will, in cooperation with each other, prepare and disseminate information and literature for the purpose of educating the public, the retailers, and the manufacturers with respect to the economic advantages and desirability of operating under fair trade laws.

Manufacturer-Retailer Contracts

3. The National Association of Retail Druggists and the State fair trade committees will cooperate to induce and solicit manufacturers to adopt and use manufacturer-retailer contracts in preference to wholesaler-retailer contracts.

Service for Manufacturers

4. The State fair trade committees may undertake the distribution, either voluntarily or for a fee to be paid by the manufacturer, of fair trade agreements to the various retailers under such jurisdiction.

No Price-Fixing Efforts

5. Neither the National Association of Retail Druggists nor the State fair trade committees will attempt any horizontal fixing of resale prices or undertake any activities which have for their purposes the fixing and controlling of prices.

No Coercion or Boycott

6. Neither the National Association of Retail Druggists nor the State fair trade committees will impose any sanctions against manufacturers who refuse to adopt fair trade contracts or who prefer the wholesaler-retailer type of contract to the manufacturer-retailer form; and neither the National Association of Retail Druggists nor any of the State fair trade committees will attempt to coerce, either upon threat of boycott or unfavorable publicity or by any other unlawful means, any manufacturer into adopting fair trade contracts or fixing any specified resale price in such fair trade contracts.

Contract Submission Voluntary

7. Neither the National Association of Retail Druggists nor the State fair trade committees will attempt to coerce any manufacturer into submitting his fair trade contracts for the scrutiny of the National Association of Retail Druggists. The submission by the manufacturer of his contracts, for scrutiny by the National Association of Retail Druggists shall be and will always remain wholly voluntary.

In adopting the revised program the association praised it as sound and constructive and ordered copies sent to the pharmaceutical associations of all fair trade States so that they may modify their State plans to conform to the new plan.

Trust Laws Recognized

In presenting the plan, Secretary Dargavel explained that the Tydings-

(Continued on page 62)

Alcohol Denaturing Changes Proposed

New Agents to Be Discussed in Trade Conferences—S.D. List to Be Cut

WASHINGTON, Sept. 30, 1937.

Important changes in denaturants for both completely and specially denatured alcohol are under consideration by the Treasury Department for next year, and will be discussed with committees from the trade at a series of three conferences this Fall.

The first conference will be October 13 with the technical committee of the Industrial Alcohol Institute. This will be followed by a meeting November 30 with technicians of companies manufacturing methanol and other denaturants and a more general conference December 1 with representatives of all industries concerned. The conferences will be held with Dr. Herbert J. Wollner, consulting chemist to the Secretary of the Treasury, and members of the technical staff of the Bureau of Internal Revenue.

Department chemists have been testing several new chemical products which give promise of being better denaturants than those now in use for many purposes, and it is declared that these denaturants will be effective in smaller concentrations than those now used, thus lowering the price of denatured alcohol. The new denaturants will not be put into use until next Spring; meanwhile the denaturing companies will be given an opportunity to discuss and to test their properties and effectiveness. It is the hope of department officials that the proposed new denaturants will make completely denatured alcohol suitable for several uses now requiring specially denatured formulas, thus permitting users to dispense with the need for permits and bonds required for the use of S.D. alcohol.

At the same time the department is making progress with its study of reduction of the number of specially denatured formulas, and this program also will be discussed at the forthcoming conferences.

The department shortly will order discontinuance of three specially denatured alcohol formulas January 1, 1938, namely, S.D. 1-A, S.D. 15, and S.D. 44-A, on the ground that a survey has shown that these formulas are used very little and that their purpose is adequately served by other approved formulas.

Paint Technicians to Meet October 24-26

Federation Has 13 Papers, Scores Of Queries on Program For Cincinnati

The Federation of Paint and Varnish Production Clubs will hold its sixteenth annual meeting in the Netherland-Plaza hotel, Cincinnati, October 24 to 26. The program of the meeting forecasts a new high in the way of busy sessions. Here it is:—

Sunday, October 24

6:30 p.m. Advisory committee meeting.

Monday, October 25

8:00 a.m. Registration and paint show opens.

9:00 a.m. Club papers:
- (1) Baltimore club—"A Study of Bodied Linseed Oils."
- (2) Chicago club—"Treatment of Pigments with Phthalic Anhydride."
- (3) Cincinnati - Dayton - Indianapolis-Columbus club—"A Study of the Fluorescence Analysis and its Application to Paint Raw Materials."

10:30 a.m. President's annual report, V. C. Bidlack
Secretary's report, G. B. Heckel
Treasurer's report, C. W. Clark

11:00 a.m. Address—E. T. Trigg, president, National Paint, Varnish and Lacquer Association.

12:30 p.m. Nominating committee luncheon.

2:00 p.m. Club papers:
- (4) Cleveland club—"Continuation of Study of the Coating of Pigments with Methyl Cellulose." Alternative:—"Study of a Method of Testing the Stability of a Varnish."
- (5) Golden Gate club—"The Effect of Varying Amounts of Lead Cooked Into an Enamel Vehicle."
- (6) Los Angeles club—"Study of the Polymerization of Pure Sardine Oils."
- (7) New England club—"A Study of the Effects of Common Inert Fillers in White Enamels."
- (8) New York club—(a) "Permeability Measurements." (b) "Report of Color Standards Committee." (c) "Concluding Report—Oil Bodying and Pigment Dispersion."

(Continued on page 28)

Pulp, Paper Technicians To Convene Oct. 18-20

Symposiums on wood supply, pulping of Southern pine, and fiber structure, will be the key features of the Fall convention of the Technical Association of the Pulp and Paper Industry, in the De Soto hotel, Savannah, Ga., October 18 to 20. The program follows:—

October 18; Monday

Symposium on wood supply:—C. W. Boyce, chairman.

1. Pulpwood supply in the South; by I. F. Eldridge, Southern Experimental Station.

2. Relationship between pine for pulpwood, saw timber and naval stores; by A. E. Wackerman, Southern Pine Association.

3. Cost of wood at mill; by W. L. Hall, Hot Springs, Ark., and Albert Ernest, Union Bag & Paper Company, Savannah, Ga.

4. Forestry operations and land ownership; by Karl Swenning, Mead Corporation, Chillicothe, Ohio.

5. Wood supply of the world; by John Traquair, Mead Corporation, Chillicothe, Ohio.

Luncheon speaker—Guy Woolford, president, Georgia Forestry Association.

October 19; Tuesday

Symposium on pulping Southern pine:—O. W. A. Rodowski, chairman.

1. Bleaching of Kraft pulp; by John Campbell and L. O. Rolleston, International Paper Company, Glens Falls, N. Y.

2. The Herreshoff furnace; by K. A. Forrest, Crossett Paper Company, Crossett, Ark.

3. Acid pulping of young Southern pines, II. sulphite pulps for viscose, newsprint and other papers; by Pulp and Paper Laboratory of the Industrial Committee of Savannah.

4. Chemical balance for a continuous recausticizing system; by O. W. A. Rodowski, Union Bag & Paper Company, and C. L. Knowles of the Dorr Company, New York.

5. Grinding Southern pine for newsprint; by Pulp and Paper Laboratory of the Industrial Committee of Savannah.

October 20; Wednesday

Symposium on fiber structure:—Charles Carpenter, chairman.

1. A further report of the changes tak-

(Continued on page 52)

Fair Trade Plans Assailed by Celler

Complimenting the Federal Trade Commission on its intention to watch closely all developments in connection with the application of the contractual provisions of fair trade acts, Representative Emanuel Celler, of this city, has demanded that the commission analyze the program adopted at the recent Chicago conference and scrutinize the plans and functioning of the Druggists' National Fair Trade Board. Representative Celler, who will be recalled as a persistent opponent of fair trade legislation, advises the commission that it should suspect operations under these laws to be a "cloak for blacklisting, coercion, and boycotting."

In the opinion of the anti-fair-trade congressman, the making of contracts under fair trade laws is practically prima facie evidence of illegal collusion. In a letter to W. A. Ayers, chairman of the Federal Trade Commission, he says:—

If manufacturer A makes a general and national resale price agreement with retailers, and if manufacturer B makes a similar agreement, these agreements, directly or indirectly, are bound to dovetail and ultimately become agreements between A and B. They therefore become unholy alliances, subject to severe penalties.

American Decorated by Chile

Percy Seibert, American manager at Santiago, Chile, of the Braden Copper Company, was decorated September 25 by President Arturo Alessandri, for valuable services to the Chilean Government and to the country over a long period of years. The President conferred the Medal of Merit on Mr. Seibert in the presence of Government officials and prominent citizens at La Moneda Palace.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works...lb. .43 - —
smaller lots, works....lb. .48 - 1.00
tech., kegs, c.l., works....lb. .32 - —
l.c.l., 1,000 lbs., works...lb. .38 - —
smaller lots, works....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls., 1,000 lbs....lb. .25 - —
smaller lots....lb. .26 - —
kegs, 1,000 lbs....lb. .26 - —
smaller lots....lb. .27 - —
Acetin, tech., dms....lb. .33 - —
Acetoacetanilide, dms....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .06 - —
l.c.l., dlvd....lb. .06½- —
tanks, dlvd....lb. .05 - —
Methyl (see M)
Acetophenone, bots....lb. 1.30 - 1.45
cns., 25 lbs....lb. 1.15 - 1.25
dms., 100 lbs....lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg....lb. 1.35 - —
smaller pkgs....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l....lb. .09¾- —
l.c.l. ....lb. .10 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.38 - 2.63
cbys. ....100 lbs. 2.87 - 3.12
56%, bbls....100 lbs. 4.45 - 4.70
cbys ....100 lbs. 4.95 - 5.20
70%, bbls....100 lbs. 5.54 - 5.79
cbys. ....100 lbs. 6.04 - 6.25
80%, bbls....100 lbs. 6.32 - 6.57
cbys. ....100 lbs. 6.82 - 7.07
glacial, nat., CP., cbys.100 lbs.1.00 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.16 - 8.41
cbys. ....100 lbs. 8.66 - 8.91
syn., al. dms., c.l.100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP, dms....100 lbs.10.25 -10.50
cbys. ....100 lbs.10.75 -11.00
pure, 30%, bbls., c.l..100 lbs. 3.44 - 3.69
cbys. ....100 lbs. 3.94 - 4.19
36%, bbls., c.l....100 lbs. 3.85 - 4.10
cbys. ....100 lbs. 4.35 - 4.60
60%, bbls., c.l....100 lbs. 6.47 - 4.72
cbys. ....100 lbs. 6.97 - 7.22
80%, bbls., c.l....100 lbs. 8.11 - 8.36
cbys. ....100 lbs. 8.61 - 8.86

Acetic acid prices above apply delv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Aceuc, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms., cbys....lb. .14 - .15
Acetylsalicylic, USP, bbls., 225 lbs..lb. .55 - —
boxes, 25 lbs....lb. .56 - —
kgs., 100 lbs....lb. .55 - —
Anthranilic, refd., bbls....lb. .85 - .90
tech., bbls....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs....lb. .44 - —
900 lbs. or less....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs....lb. .55 - —
900 lbs. or less....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs....lb. .56 - .57
900 lbs. or less....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -125.00
USP, $25 per ton higher.
Broenner's, bbls....lb. 1.11 - —
Butyric, 98%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - 5.70
Capric, dms....lb. .19½- .20
Caproic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .16 - .16½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works....lb. .04 - —
single drum....lb. .05 - —
tanks, works....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y., lb. .1475- .1675
Cinnamic, refd. bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .24 - —
kegs ....lb. .24½- —
gran., bbls....lb. .24 - —
kegs ....lb. .24½- —
powd., bbls....lb. .24½- —
anhyd., gran., dms....lb. .26½- —
powd., dms....lb. .27 - —

Prices on citric acid are f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls....lb. .50 - —
Cottonseed oil, dms....lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. .89 - —
l.c.l., same basis....gal. .91 - —
Acid, cresylic, low-boil, dms., c.l., works, frt. equaled..gal. .92 - —
l.c.l., same basis....gal. .94 - —
imported pale, 97-99, dms..gal. 1.00 Nom.
special resin grade, dms., c.l., works..lb. .10¾- —
l.c.l., same basis....lb. .11¼- —
Crotonic, dms., works....lb. .75 - 1.00
Diethylbarbituric (see Barbital).
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l. ....lb. .11 - —
l.c.l., 25 and over....lb. .1150- —
1-24 ....lb. .12 - —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over....lb. .1235- —
1-24 ....lb. .1285- —
southern territory, cbys., c.l. lb. .1220- .1290
l.c.l., 25 and over....lb. .1270- .1340
1-24 ....lb. .1320- .1390
Fumaric, bbls....lb. .60 - —
Gallic, tech., bbls....lb. .75 - .79
N. F., VI, bbls, 200 lbs., 5 or more..lb. .87 - —
single bbls....lb. .90 - —
fib. dms., 25 lbs....lb. .96 - —
kgs., 100 lbs....lb. .91 - —
Gamma, bbls....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180- .1225
Hydriodic, 47%, bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls....lb. .07 - .0750
lead, cbys....lb. .09 - .0950
48%, lead cbys....lb. .1150- .12
52%, lead cbys....lb. .1250- .13
60%, lead cbys....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls..lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works. 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works. 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys....lb. .21½- .22½
USP, X, 85%, cbys....lb. .42 - .45
USP, VIII, 75%, cbys....lb. .40 - .43
Laurent's, bbls....lb. .45 - —
Linseed oil, dark or light, dms..lb. .1310- .1350
tanks ....lb. .1250- —
extra white, dms....lb. .1125- .1175
split, dms....lb. .0950- .1060
Maleic powd., dms....lb. .30 - .40
anhydride, dms....lb. .33 - .43
Malic powd., kegs....lb. .45 - .60
Mandelic, bots....lb. 2.30 - —
fib. dms....lb. 2.05 - 2.20
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit ....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls....lb. .18 - .19
Monosulphonic, bbls. ....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works....100 lbs. 1.65 - —
C.P., U.S.P., dealers, cbys.lb. .06½- —
6-lb. bots....lb. .18½- —
consumers, cbys....lb. .08 - —
6-lb. bots....lb. .20 - —
Myristic, dms....lb. .14¼- .15
white, redist., dms....lb. .15¾- .16½
Naphthenic, S.V. 120-200, dms., lb. .07 Nom.
210-230, dms....lb. .09 Nom.
240-280, dms....lb. .10 Nom.
sludges, dms....lb. .05 Nom.
Nevile & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works 100 lbr. 6.25 -
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°. cbys., c.l., E. works, 100 lbs. 6.50 - —
Acid, nitric, 42°, cbys., l.c.l., 25 and over works.100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., U.S.P., dealers, cbys... lb. .11½- —
7-lb. bots....lb. .22½- —
consumers, cbys....lb. .13 - —
7-lb. bots....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities....lb. .12 - .14
Palm oil, dms....lb. .08¾- .09¼
Phenylacetic, bots. ....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys. ....lb. .09 - —
USP, 85%, s. g. 1,710, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs. ....lb. .15 - —
50% s.g., 1347, cbys., 70 lbs., lb. .12 - —
djns., 25 lbs....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs....lb. .65 - .70
Picric, bbls....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works ....lb. .22 Nom.
tech., cbys., works....lb. .20 Nom.
dms., works ....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. ....lb. 1.10 - —
USP, cryst., cns....lb. 1.45 - 1.63
resubl., cns....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms ....lb. .38 - —
tech., bbls....lb. .13 - —
Salicylic, tech., bbls....lb. .33 - —
USP, bbls. ....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works....lb. .37 - .41
Soybean oil, dist, dms....lb. .10½- .11½
Stearic, distil., double pressed, bgs., dlvd..lb. .11½- .12½
single pressed, bgs., dlvd..lb. .11 - .12
triple pressed, bgs., dlvd..lb. .14¼- .15¼
saponif., double pressed, bgs, dlvd..lb. .11¾- .12¾
triple pressed, bgs., dlvd..lb. .14½- .15½
Succinic, bbls. ....lb. .75 - —
Sulphanilic, CP, bots, works..lb. 1.60 - 1.68
tech., dms., works....lb. .17 - —
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works....ton 13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works....ton.16.50 - —
98%, tanks, works....ton.17.50 - —
C.P., U.S.P., dealers, cbys.. lb. .06½- —
9-lb. bots....lb. .16½- —
consumers, cbys....lb. .08 - —
9-lb. bots....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lbs.lb. .88 - —
100-lb. lots....lb. .90 - —
25-lb. lots....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .24¾- —
smaller quantities ....lb. .25¾- —
kgs. ....lb. .25¾- —
Tobias, bbls. ....lb. .65 - —
Trichloroacetic, bots. ....lb. 2.00 - 2.50
Tungstic, CP, kgs....lb. No prices
tech., kgs. ....lb. No prices
Aconite, leaves, bls....lb. .30 - .32
Root, bls....lb. .35 - .36
Aconitine, amorph., bots....oz.17.00 -18.00
vls. ....gr. .06 - .09
cryst., bots....oz.30.00 - —
vls. ....gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms....lb. .16 - .18
Agar, 1, bls....lb. 1.10 - 1.15
2, bls....lb. 1.05 - 1.10
3, bls....lb. .72 - .75
Agaric, white, bls....lb. 3.25 - 3.50
Albumen, blood, dark, flake, bgs., c.l., f.o.b. Chicago, frt. alld..lb. .11 - —
l.c.l., bgs., same basis..lb. .13 - .15
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, Chicago....lb. .18 - —
light, dom., flake, dms., Chicago..lb. .52 - .60
import, bgs....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 Nom.
import, cs....lb. .85 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld....lb. .143 - —
tanks, frt. alld....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Benzyl, cans....lb. .70 - —
drums ....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld....lb. .10½- —
tanks, frt. alld....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .08 - —
l.c.l., same terms....lb. .08½- —
tanks, same terms....lb. .07 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works...lb. 2.50 - —
tech., dms., works....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. ....lb. 1.70 - —
100 lbs. ....lb. 1.80 - —
25 lbs. ....lb. 1.90 - —
5 lbs. ....lb. 2.00 - —
coml., dms....lb. 95 - —

Acacia—Alumina Acetate

Alcohol, cetyl, import, 85%, dms. 100 lbs. .55 - —
5 to 10 lbs....lb. .75 - —
coml., dms., 350 lbs.... lb. .45 - —
Cinnamic, bots....lb. 2.00 - 2.50
Denatured, CD11, 12, 13, dms., c.l., works, E. frt. equal.gal. .35 - —
20 dms., East....gal. .37 - —
1-19 dms., East....gal. .40 - —
tanks, East....gal. .29 - —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
19 bbls., E. works...gal. .36 - —
1 to 18 bbls., E. works, gal. .39 - —
dms., c.l., E. works....gal. .33 - —
19 dms., E. works...gal. .35 - —
1 to 18 dms., E. works, gal. .38 - —
tanks, E. works....gal. .27 - —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms., c.l., gal. .37½- —
19 dms....gal .39½- —
1 to 18 dms....gal. .42½- —
tanks ....gal. .31½- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .34 - —
20 dms., E. works...gal. .36 - —
1 to 19 dms., E. works, gal. .39 - —
tanks, E. works....gal. .28 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .13½- —
l.c.l., frt. alld....lb. .14 - —
tech., contract, dms., c.l., frt. alld..lb. .12½- —
l.c.l., frt. alld....lb. .13 - —
Ethyl, 190 pf., ex molasses, bbls. c.l—gal. 4.13 - —
19 bbls....gal. 4.15 - —
1 to 18 bbls....gal. 4.18 - —
dms., c.l....gal. 4.12 - —
19 dms....gal. 4.14 - —
1 to 18 dms....gal. 4.17 - —
tanks ....gal. 4.06 - —
absolute, dms., c.l....gal. 4.42 - —
19 dms....gal. 4.44 - —
1 to 18 dms....gal. 4.47 - —
Grain alcohol 45c. per gal. higher.
Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.lb. .10 - —
l.c.l., same terms....lb. .18¾- —
tanks, same terms....lb. .12 - —
Isoamyl, prmary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works ....lb. .32 - —
Isobutyl, refd., dms., c.l.,works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Isopropyl, denat., grd., dms., c.l., frt., alld..gal. .32 - —
l.c.l., frt., alld....gal. .33 - —
refd, 91% dms., c.l., f.o.b. dest. ....gal. .39½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
98%, dms., c.l., same terms, gal. .44½- —
l.c.l., same terms....gal. .49½- —
tanks, same terms....gal. .39½- —
tech., 91%, dms., c.l., same terms..gal. .35 - —
l.c.l., same terms....gal. .40 - —
tanks, same terms....gal. .30 - —
98%, dms., c.l., same terms, gal. .39½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 1.50 - 2.50
Propyl (see Isopropyl)
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .40 - .45
Alizarin (see Red, alizarin).
Alkanet root, bgs....lb. .11 - .12
Aloe, Barbados, true, cs....lb. .85 - .90
Cape, cs. ....lb. .18 - .19
Curacao, cs. ....lb. .31 - .32
gourds, bbls....lb. .50 - .55
Socotrine, kgs....lb. .60 - .62
Aloin, 140-lb. bbls....lb. 1.90 - —
100-lb. kegs....lb. 1.92 - —
25-lb. fib. dms....lb. 1.99 - —
Alphanaphthol, bbls....lb. .52 - —
Alphanaphthylamine, bbls....lb. .29 - —
Althea root, cube cut, bls....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls. kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.50 - 3.75
dlvd N.Y., Phila...100 lbs. 3.65 - —
powd., bbls., works...100 lbs. 3.65 - 3.90
dlvd. N.Y., Phila...100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls....lb. .06½- .06¾
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd....100 lbs. 4.25 - 5.00
Alumina acetate, C.P. 20% solut., bbls..lb. .09 - .10

Alumina Chlor.—Amyl Acetate

Alumina chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works	lb.	.05 -	—
12,000 to 40,000 lbs., works	lb.	.06 -	—
1,100 to 11,000 lbs., works	lb.	.07 -	—
140 to 875 lbs., works	lb.	.08 -	—
100 lbs., or less, works	lb.	.09 -	—
cryst., com'l, dms., c.l., works	lb.	.06 -	—
l.c.l., dms., works	lb.	.06¼-	—
solution, 32 deg., cbys., c.l., works	lb.	.02¾-	—
l.c.l., cbys., works	lb.	.03¼-	—
Hydrate, heavy, bbls., c.l., works	lb.	.0290-	—
less car lots, works	lb.	.03½-	—
light, bbls., dlvd	lb.	.12 -	—
Oleate, dms., contr	lb.	.16¾-	—
open order	lb.	.17½-	.18¼
Palmitate, precip., bbls	lb.	.23 -	—
Resinate, precip., dms., dlvd.	lb.	.15 -	—
Stearate, precip., bbls., ctns., c.l.	lb.	.19 -	—
l.c.l., ton	lb.	.20 -	—
less than ton	lb.	.21 -	—
Sulphate, com'l bgs., c.l., works, frt. equaled	100 lbs.	1.35 -	—
l.c.l., works, frt. equald.	100 lbs.	1.60 -	—
bbls., c.l., works, frt. equald.	100 lbs.	1.55 -	—
l.c.l., works, frt. equald.	100 lbs.	1.80 -	—
iron-free, bgs., c.l., works,	100 lbs.	2.00 -	—
l.c.l., works	100 lbs.	2.25 -	2.40
Alumina, sulphate, iron-free, truckloads, bgs	100 lbs.	2.40 -	—
10 to 24, dlvd. met. N.Y.	100 lbs.	2.55 -	—
5 to 9, dlvd. met. N.Y.	100 lbs.	2.80 -	—
1 to 4, dlvd. met. N. Y.	100 lbs.	3.80 -	—
bbls., c.l., works	100 lbs.	2.20 -	—
l.c.l., works	100 lbs.	2.45 -	—
truckloads, dlvd., met. N.Y.	100 lbs.	2.60 -	—
10 to 24, dlvd. met. N.Y.	100 lbs.	2.75 -	—
5 to 9, dlvd., met. N.Y.	100 lbs.	3.00 -	—
1 to 4, dlvd. met. N.Y.	100 lbs.	3.50 -	—
Aluminum, 98-99%, dms., c.l.	lb.	.20 -	—
l.c.l.	lb.	.21 -	—
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss.	lb.	.63½-	—
5,000 lbs., same basis	lb.	.64½-	—
2,000 lbs., single shipt., same basis	lb.	.65 -	—
On 2,000-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 2,000-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.			
ink, dms., 30,000 lbs., same basis	lb.	.73½-	—
5,000 lbs., same basis	lb.	.74½-	—
2,000 lbs., single shipt., same basis	lb.	.75 -	—
split shipts. (see note fine lining paste).			
standard, dms., 30,000 lbs., same basis	lb.	.41½-	—
5,000 lbs., same basis	lb.	.42½-	—
2,000 lbs., single shipt., same basis	lb.	.43 -	—
split shipts. (see note fine lining paste).			
powder, lining, extra fine, dms., 30,000 lbs., same basis	lb.	.90½-	—
5,000 lbs., same basis	lb.	.91 -	—
2,000 lbs., single shipt., same basis	lb.	.92 -	—
split shipts. (see note fine lining paste).			
standard, dms., 30,000 lbs., same basis	lb.	.55½-	—
5,000 lbs., same basis	lb.	.56½-	—
2,000 lbs., single shipt., same basis	lb.	.57 -	—
split shipts. (see note fine lining paste).			
litho, extra brilliant, dms., 30,000 lbs., same basis,	lb.	.41½-	—
5,000 lbs., same basis	lb.	.42½-	—
2,000 lbs., single shipt., same basis	lb.	.43 -	—
split shipts. (see note fine lining paste).			
extra fine, dms., 30,000 lbs., same basis	lb.	.45½-	—
5,000 lbs., same basis	lb.	.46½-	—
2,000 lbs., single shipt., same basis	lb.	.47 -	—
split shipts. (see note fine lining paste).			
standard dms., 30,000 lbs., same basis	lb.	.40½-	—
5,000 lbs., same basis	lb.	.41½-	—
2,000 lbs., single shipt., same basis	lb.	.42 -	—
split shipts. (see note fine lining paste).			
wallpaper, dms., 30,000 lbs., same basis	lb.	.41½-	—
5,000 lbs., same basis	lb.	.42½-	—
2,000 lbs., single shipt., same basis	lb.	.43 -	—
split shipts. (see note fine lining paste)			
rubber comp., dms., 30,000 lbs., same basis	lb.	.38½-	—
5,000 lbs., same basis	lb.	.39½-	—
2,000 lbs., single shipt., same basis	lb.	.40 -	—
split shipts (see note fine lining paste)			
unpolished, dms., 30,000 lbs., same basis	lb.	.35½-	—
5,000 lbs., same basis	lb.	.36½-	—
2,000 lbs., single shipt., same basis	lb.	.37 -	—
split shipts. (see note fine lining paste)			
varnish, extra brilliant, dms., 30,000 lbs., same basis	lb.	.41½-	—
5,000 lbs., same basis	lb.	.42½-	—
2,000 lbs., single shipt., same basis	lb.	.43 -	—
split shipts. (see note fine lining paste)			
extra fine, dms., 30,000 lbs., same basis	lb.	.45½-	—
5,000 lbs., same basis	lb.	.46½-	—
2,000 lbs., single shipt., same basis	lb.	.47 -	—
split shipt (see note fine lining paste)			

Aluminum, powd., varnish, standard, dms., 30,000 lbs., same basis	lb.	.40½-	—
5,000 lbs., same basis	lb.	.41½-	—
2,000 lbs., single shipt., same basis	lb.	.42 -	—
split shipts. (see note fine lining paste)			
Ambergris, gray, tins	oz.	17.00	-35.00
Aminopyrine, fib., dms., 100 lbs.,	lb.	4.00 -	—
bots., 5 lbs.	lb.	4.22 -	4.35
Ammonia, acetate, kgs	lb.	.26 -	.33
Aldehyde, dms.	lb.	.65 -	.70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works	lb.	.04½-	—
refrigeration, tanks, works	lb.	.05 -	—
pure, cyls., dlvd., met. N.Y.,	lb.	.16 -	.22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.			
Aqua, 26°, cbys.	lb.	.05¼-	—
dms., c.l.	lb.	.02¼-	—
l.c.l.	lb.	.02½-	—
tanks (on NH_3 content), dlvd., E.	lb.	.05 -	.05¼
Benzoate, dms., 4,000 lbs. or more	lb.	.41 -	.43
1,000 lbs. to 3,900 lbs.	lb.	.42 -	.43
900 lbs. or less	lb.	.45 -	.46
kgs., 4,000 lbs. or more	lb.	.40 -	—
1,000 lbs., to 3,900 lbs.	lb.	.41 -	—
900 lbs. or less	lb.	.44 -	—
Bicarbonate, bbls., c.l., works,	100 lbs.	5.15 -	—
l.c.l., dlvd., N. Y.	100 lbs.	5.71 -	—
Bichromate, bbls.	lb.	.82 -	—
Bifluoride, bbls.	lb.	.16 -	.18
Borate, bbls., kgs.	lb.	.15 -	.16
Bromide, gran., bbls.	lb.	.35 -	—
bxs.	lb.	.38 -	.39
kgs.	lb.	.36 -	—

Ammonia, carbonate, tech., dom., bbls.	lb.	.08 -	.12½
imported, csks.	lb.	.08 -	.12½
USP, lump, dms.	lb.	.08 -	.11
powd., bbls., dms.	lb.	.09 -	—
Chloride, tech. (see Ammoniac, sal).			
USP, gran., bbls.	lb.	.11 -	.16
kgs.	lb.	.15 -	—
Citrate, dms.	lb.	.80 -	—
cns.	lb.	.85 -	—
Fluoride, bbls.	lb.	.17 -	.19
Hydroxide (see Ammonia, aqua).			
Hypophosphite, fib., dms.	lb.	1.10 -	1.17
jars	lb.	1.20 -	—
Iodide, 5-lb. bots.	lb.	3.22 -	—
jars	lb.	3.25 -	—
Laurate, bbls.	lb.	.23 -	—
Linoleate, 80%, anhyd., bbls.	lb.	.15 -	—
Naphthenate, bbls.	lb.	.17 -	—
Nitrate, tech., bags, c.l., works,	100 lbs.	3.60 -	—
bbls., works	100 lbs.	3.75 -	—
l.c.l., bags, works	100 lbs.	3.85 -	—
bbls., works	100 lbs.	4.00 -	—
Oleate, dms.	lb.	.15 -	—
Oxalate, neutral, cryst., powd., bbls., kgs.	lb.	.22½-	—
Perchlorate, kgs.	lb.	.16 -	—
Persulphate, kgs.	lb.	.21 -	—
Phosphate, dibasic, N.F.V., bls.	lb.	.37 -	—
kgs.	lb.	.39 -	—
tech., bbls., c.l.	lb.	.07½-	—
l.c.l.	lb.	.09 -	.10
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works	unit-ton.	1.20 &	.70
pure, bbls.	lb.	.40 -	.45
tech., bbls., c.l.	lb.	.07½-	—
l.c.l.	lb.	.09 -	.10

Ammonia, ricinoleate, bbls.	lb.	.15 -	—
salicylate, USP, kgs.	lb.	1.15	1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens, contr., 6-10 mos., Oct.	ton.	27.50 -	—
Nov.-Dec.	ton.	28.00 -	—
Jan.-June, 1938	ton.	28.50 -	—
Ammonia sulphate contracts any 1-5 mos., through June 1938, $1 per ton additional; spot prices $1 per ton additional. Bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis. and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.			
Sulphide, liquid, 35-40%, basis 100%, dms., works	lb.	.12 -	.15
tanks, delvd	lb.	.11 -	—
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works	lb.	.14 -	—
smaller lots, works	lb.	.16 -	—
pure, 99-100%, kgs.	lb.	.55 -	—
Ammoniac, gum (see Gum, ammoniac).			
Sal, gray, dom., bbls., c.l., works	100 lbs.	5.50 -	5.75
l.c.l.	100 lbs.	6.00 -	.0670
white, gran., dom., bbls., contracts, works	100 lbs.	5.00 -	5.05
import, csks	100 lbs.	5.00 -	5.06
Amyl acetate, ex fusel oil, dms., c.l., works	lb.	.11½-	—
l.c.l., frt., alld.	lb.	.12 -	—
tanks, works	lb.	.10¼-	—
ex pentane dms., frt. alld.	lb.	.125 -	—
l.c.l., frt., alld.	lb.	.135 -	—
tanks, frt., alld.	lb.	.115 -	—
secondary, dms., c.l., frt. pd., E. of Rocky Mts.	lb.	.09½-	—
l.c.l., same terms	lb.	.10 -	—
tanks, same terms	lb.	.08½-	—

HAMMERING OUT NEW MARKETS
Step by step industry is hammering out new markets for its products. Salesmanship gets most of the credit, but product improvement is of equal, if not greater, importance as a selling force. Through more efficient methods better quality merchandise is con-
Roese

Amyl, alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works.lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.30 - 1.35
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .28 - .30
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .45 - .50
Aniiin oil, dms.....lb. .15 - .16
tanks.....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .11½- .12
Star, bgs.....lb. .15 - .16
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .07¾- .08½
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .17¾- —
Needle, powd., bbls.....lb. .14 - .16
Antimony, oxide, bbls., c.l.....lb. .15½- —
l.c.l.....lb. .15¾- —
Salts, 65%, kgs.....lb. .23¾- .24
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c. lb., lb. .12½- .13¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, conc., bbls....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity..... 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .35 - .36
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .08¾
bbls.....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars.....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l.....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .55 - .75
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton. 35.00 - —
Asbestos fiber, 6D, bgs., c.l. (30 tons), Canad. mines.ton. 27.00 - —
7D, bgs., c.l., (30 tons), Canad. mines..ton. 23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines—ton. 14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .03½- —
smaller lots, f.o.b. N. Y.lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points .....ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 36.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 49.50 - —
Jet, bgs., c.l., Western shipping points..ton. 30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados).

Amyl Alcohol—Benzyl.

Asphaltum, Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst. refinery. gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton. 12.50 -14.00
East Coast, refinery....gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns.....oz. 2.85 - —

B

Balm of Gilead buds, bgs.....lb. .38 - .40
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .10 - .11
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton. 44.00 - —
99%, 200 mesh, bgs., c.l., works..ton. 47.00 - —
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works .....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works .....ton. 62.50 - —
sulphur-free bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs. .....lb. .16½- .17½
Barium, chloride, C.P., cryst., bbls..lb. .19 - —
dms .....lb. .20 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line.....ton. 72.00 - —
Zone 1, bbls., same basis. ton. 74.00 - —
l.c.l., bgs., same basis, ton. 85.00 - —
bbls., same basis..ton. 87.00 - —
Zone 2, bgs., c.l., dlvd. Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 76.00 - —
bbls., same basis..ton. 78.00 - —
l.c.l., bgs., same basis, ton. 89.00 - —
bbls., same basis..ton. 91.00 - —
Zone 3, bgs., c.l., dlvd. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton. 82.00 - —
bbls., same basis..ton. 84.00 - —
l.c.l., bgs., same basis, ton. 95.00 - —
bbls., same basis..ton. 97.00 - —
Zone 4, bgs., c.l., dlvd. Wash., Ore., Calif., Nev..ton. 78.00 - —
bbls., same basis..ton. 80.00 - —
l.c.l., same basis....ton. 91.00 - —
bbls., same basis..ton. 93.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis. ton. 22.85- —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore.ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.30 - —
Southern off color, bulk, mines..ton. 12.00 - —
95.75%, bulk, mines.....ton. 16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton. 25.00 -26.00
l.c.l., ex wrhse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex wrhse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 Nom.
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .12 - .13
Bentonite, 200 mesh, bgs., Wyo. works..ton. 11.00 - —
325 mesh, bgs., Wyo. works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. works. sellers'
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50

ALL ALONG THE LINE

stantly being made available to a greater number of people.

Chemicals are star behind-the-line salesmen. Through chemicals, finer textiles, leather, paper, paints, inks, metals and a host of other products are being produced to sell at prices that broaden the base of merchandising activity. This is industry's best guarantee of tomorrow's income.

Examples of specially produced Cyanamid materials that are helping manufacturers give greater value can be found in the column at the right. Through the development of such products Cyanamid builds business by helping its customers build business.

AMERICAN CYANAMID & CHEMICAL CORPORATION

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

***BEETLE RESINS**—Resins made by reacting urea and formaldehyde have become widely familiar through their use in high grade molded products such as "Beetleware." We are also making urea formaldehyde resins which are soluble in ordinary organic solvents, and coatings can be formulated from these having the qualities of hardness and lasting beauty characteristic of "Beetle" molded products. The remarkable characteristics of these BEETLE coating resins compared with enamel vehicles previously available, have been subjected by the Cyanamid laboratories to the most painstaking tests in a wide variety of finishes prior to their offer to the trade.

SUCCINIC ACID—$COOH \cdot (CH_2)_2 \cdot COOH$—White granular crystals, over 99% pure. Of particular interest to manufacturers of esters and synthetic resins. Produced commercially and available for prompt deliveries.

****DECERESOL WETTING AGENTS**—For the Textile Industry—new, powerful surface tension depressants. These products have remarkable wetting and penetrating properties and are invaluable aids in all types of textile processing. They speed up scouring and dyeing processes, and are useful as well in carbonizing, fulling and finishing. They form soluble salts with calcium and magnesium and are, therefore, extremely valuable where hard water conditions are encountered.

****TANAK**—In contrast to the vegetable tanning materials, Syntans are used for many purposes because of valuable properties which may not be—and very often are not—a function of the direct tanning value of the material. We are manufacturing a number of TANAK grades for specific purposes, and the value of each product is determined by the advantages derived from its use in the particular operation for which it is intended. We are glad to cooperate with the tanning industry's chemists in establishing analytical methods, particularly for the control of Syntan containing liquors which are used several times.

DYEWOOD & TANNING EXTRACTS
Fustic, Hematine, Logwood, Osage Orange, Quercitron Bark, Hypernic, in paste, crystal and solid forms—Sumac (ordinary and stainless), Cutch, Divi Divi, Gambier, Querbracho, Wattle Bark, Myrabolam, Hemlock, Mangrove, in liquid form—Querbracho, Mangrove, Wattle, in crystal and powdered forms.

Watch this column monthly for the announcement of other interesting Cyanamid developments. Technical information on these and other Cyanamid products is available on request.

*Trademark of American Cyanamid & Chemical Corporation denoting synthetic resin of its manufacture
**Trade Mark—Registered U. S. Patent Office

Berberine—Charcoal

Berberine bisulphate, cns.....lb. 13.00 - 13.25
Hydrochloride, cns.....lb. 13.00 - 13.25
Sulphate, cns.....lb. 14.75 - 15.00
Berberis root, bls.....lb. .15 - .16
Betanaphthol, subim., bbls....lb. .55 - —
kgs.....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs.....lb. 2.00 - —
Betanaphylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars.....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns.....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb., bots...lb. 1.34 - —
cns.....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
cns.....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.58
fib. dms.....lb. 1.23 - 1.26
X-ray, 5-lb. bots.....lb. 2.52 - —
fib. dms.....lb. 2.46 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.22 - 1.48
fib., dms.....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots..lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns.....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns.....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.03 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12½- —
l.c.l., frt. alld. E.....lb. .13 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls, bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08½- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in N. A., (water freights extra).....lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd Zone C, Pac. Cst. States..lb. .0505- —
D (Ill., Ia., Wis.)..lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y. Ohio, part of Pa., Tenn., W. Va.)...lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
ctns., l.c.l., dlvd. all zones. lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works...lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4 ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c. l. f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y. ....lb. .12 - —
3 bbls., c.l., f.o.b. N. Y...lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b., N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y. lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw, root bark, bls.....lb. .33 - .35
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton. 60.00 - 65.00
l.c.l. .....ton. 65.00 - 70.00
high grade precip., bgs., c.l., works, frt. equal..ton. 70.00 - —
l.c.l., same basis....ton. 75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton. 40.00 - 42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y, unit-ton. 3.40 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.60 - —
import, bgs., c.i.f. ports, Oct. shipt. unit-ton. 3.40 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls, f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kegs...lb. 4.00 - —
Victoria, kegs.....lb. 3.85 - —
Ultramarine, dry, jobbing bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis.lb. .26 - —
B, bbls., same basis.lb. .23 - —
C, bbls., same basis.lb. .22 - —
D, bbls., same basis.lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basisNlb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefiag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs...lb. 1.00 - 1.08
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 5.00 - —
16-25 bbls., same basis, 100 lbs. 5.25 - —
6-15 bbls., same basis, 100 lbs. 5.35 - —
3-5 bbls., same basis, 100 lbs. 5.60 - —
1-2 bbls., same basis. 100 lbs. 5.75 - —
monohydrated, dms., c.l. dealers..lb. .10 - —
l.c.l., dealers.....lb. .11 - —
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton. 29.00 - 30.00
c.i.f., Atlantic ports..ton. 32.00 - —
import, bgs., c.i.f. ports..ton. 30.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton. 22.00 - 24.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton. 26.00 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon. 60% phos., bgs., f.o.b. Chicago..ton. 20.00 - 21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports. ton. 21.50 - —
Borage flowers, bls.....lb. .20 - .31
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton. 58.00 - —
l.c.l., ex whse.....ton. 67.00 - 72.00
sks., contracts, 80 tons min., dlvd..ton. 48.00 - —
l.c.l., ex whse.....ton. 57.00 - 62.00
gran., bbls., contracts, 80 tons min., dlvd..ton. 52.00 - —
l.c.l., ex whse.....ton. 61.00 - 66.00
sks., contracts, 80 tons min., dlvd..ton. 42.00 - —
l.c.l., ex whse.....ton. 51.00 - 56.00
bbls., contracts, 80 tons min., dlvd..ton. 57.00 - —
l.c.l., ex whse.....ton. 66.00 - 71.00
sks., contracts, 80 tons min., dlvd..ton. 47.00 - —
l.c.l., ex whse.....ton. 56.00 - 61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, same basis....lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns.....lb. 1.50 - —
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .12½- —
Metallic, bbls., works.....lb. .02½- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis....lb. .11½- —
3, bbls., same basis....lb. .10½- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .08¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis....lb. .06⅞- —
11, bbls., same basis....lb. .06¾- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, 1, bbls., f.o.b. N. Y. or works.....lb. .12½- —
2, bbls., same basis....lb. .10⅞- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .07¾- —
8, bbls., same basis....lb. .07¼- —
9, bbls., same basis....lb. .06¾- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .05 - —
Umber, American, bbls. works. lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle..lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans..lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle. lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandkye, bbls., l.c.l.....lb. .05⅝- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .16 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .51 - .53
Buckthorn bark, true, bls.....lb. .04½- .06
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¼- —
import., stands.....lb. .15 - .16
Butanes, coml., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .08 - .09
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld.lb. .10½- —
tanks, contract, frt. alld.lb. .09 - —
Secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Alcohol (see Alcohol):—
Butyl aldehyde, dms., l.c.l....lb. .17½- —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .17 - —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms, frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.71 - —
25 lbs., works.....lb. 1.76 - —
5 lbs., works.....lb. 1.91 - —
Iodide, bots.....lb. 4.16 - 4.21
Jars.....lb. 4.02 - —
Lithopone (see Yellow).
Metal, cs.....lb. 1.60 Nom.
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100 lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs., or more..lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more, lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Caffeine, citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .45 - .50
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., dlvd..... 100 lbs. 1.95 - —
Arsenate, dms., c.l., dealers, North and West..lb. .06¾- —
l.c.l., dealers.....lb. .07¼- —
Southern cotton State, dealers, dms., c.l...lb. .06½- —
l.c.l., dealers .....lb. .07 - —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equal'd..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms .....lb. .05 - .06
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd., ton. 22.00 - 35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton. 20.00 - 33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms.....lb. .55 - .57
cns.....lb. .68 - .85
Calcium, glycerophosphate, fib., dms., 1,000-lb lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide bots., jars.....lb. 3.70 - 3.85
Lactate, USP., bbls., 200 lbs.lb. .25 - —
Nitrate, bgs., to fert. mfrs., ex vessel..ton. 27.50 - —
Palmitate, bbls.....lb. .22 - .28
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .74 - —
tribasic, c.l., bbls., works.lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works, ton. 52.00 - —
l.c.l., works .....ton. 56.00 - —
83/85 CaS, c.l., works...ton. 58.00 - —
l.c.l., works.....lb. 64.00 - —
luminous, dom., tins, works, 100 lbs. .75 - —
Sulphocarbolate, bbls., 200 lbs.lb. .48 - —
kgs., 100 lbs. .....lb. .50 - —
Calendula flowers, bls.....lb. .45 - .50
Calomel, bbls., fib., dms., kgs., lb. 1.59 - 1.60
Camphor, natural, powd., cs..lb. .54 - .55
slabs, cs.....lb. .54 - .55
tablets, tins.....lb. .59 - .60
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .05½- .06
Morocco, bgs.....lb. .05½- .06
Turkish, bgs.....lb. .05½- .06
Canella alba bark, bls.....lb. .37 - .38
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .90 - .95
Russian, cs.....lb. 1.25 - 1.30
powd., bxs.....lb. 1.65 - 1.70
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .07¾- .07¾
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works.....lb. .80 - —
96%, dms., ton lots, works..lb. .70 - —
smaller quantities, works.. lb. .85 - —
98.5-99%, dms., ton lots, works, lb. .75 - —
smaller quantities, works.. lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5 gal. dms., c.l., same basis. lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05¾- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms. c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid. 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.65 - 1.90
decorticated, cs.....lb. 1.35 - 1.40
green, bgs.....lb. .92 - .94
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .11¾- .12
Case-hardening mixture, 45%, gran., dms., l.c.l..lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .13 - .14
5 tons, works.....lb. .14½- —
smaller lots, works.....lb. .15 - —
80-100 mesh, bgs., c.l., dlvd., lb. .13½- .14½
5 tons, works.....lb. .15 - —
smaller lots, works.....lb. .15½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .18 - —
80-100 mesh, bgs., c.l., duty pd..lb. .18½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 - .18
Cassia, Batavia, 1, bgs.....lb. .16½- .16¾
3, bls.....lb. .08¾- .08¾
short stick, bls.....lb. .13¾- .14
China, rolls, select, cs.....lb. .05½- .05¾
broken, extra bls.....lb. .04 - .04¼
Saigon, bls.....lb. .16 - .16¼
Cassia buds, cs.....lb. .30 - .31
Cassia fistula, bskts.....lb. .11 - .12
Castile soap, white, bars, cs., 40 lbs. 11.75 - 12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb. 15.00 - 18.00
synth., bots.....lb. 19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½% ammon., bgs., c.l. works..ton. 22.00 - —
import, bgs., c.i.f., ports, shipment..ton. 24.25 - —
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .16¾- .17¼
Indian, bgs.....lb. .14¾- .15¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
10-lbs., works.....lb. .56 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls. (4 bags), 5 tons, dlvd. N. Y..bbl. 6.50 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .28 - .30
Roman, bls.....lb. .24 - .25
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton. 30.40 - —

Charcoal, softwood, powd., bgs., c.l., dlvd. Colo..ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton.25 00 - -
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works, lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works...ton. 6.50 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works ton. 9.00 - —
paper bgs., c.l., works, ton.12.00 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs. .....lb. .86 - .95
100 lbs. .....lb. .88 - .97
25 lbs. .....lb. .90 - .99
1-10 lbs. .....lb. .95 - 1.02
dms., 1,000 lbs. .....lb. .80 - —
500 lbs. .....lb. .83 - —
100 lbs. .....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .05½- —
contracts, dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equald... 100 lbs. 2.55 - —
1, works, frt. equald... 100 lbs. 3.00 - —
Chloroacetophenone, tins,works.lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms... .....lb. .33 - —
Chloropicrin, coml., 185-lb. cyls., works..lb. .80 - —
5-lb. cyls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cs., bbls.....lb. .05 - .08
Caks, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns..100 ozs.oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.f.c. bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls....lb. .17¼- .17½
3, bls. .....lb. .16¼- .16½
Citral, bots., cns.....lb. 1.70 - 3.15
Citrine ointment, jars, tubes.lb. .75 - —
Citronellal, bots., dms.....lb. 1.00 - 1.50
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .16 - .16¼
Zanzibar, bls.....lb. .17 - .17½
Clover tops, bgs.....lb. .12 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works...bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.00 - —
refd., dms., c.l., works...dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .66 - .68
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms...lb. .33 - —
solid, 8½%, bbls.....lb. .35 - —
Oleate, bbls.....lb. .26 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .13 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .28 - .29
Cocoa butter, lumps, bgs., c.l..lb. .18½- .19
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.25.00 - -
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .37 - .38
Colombo root, bls.....lb. .20 - .21
Coltsfoot leaves, bgs.....lb. .07 - .08
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba, balsam, Para, cns...lb. .34 - .35
S.A., USP, cns.....lb. .36 - .37
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .16½- .17½
18-20%, bbls.....lb. .10½- .12
Chloride, bbls.....lb. .15 - .17
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .13 - —
Nitrate, cryst., bbls.....lb. .15 - —
Oleate, percip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .17½- —
smaller lots, works....lb. .18 - —
red, com'l, 50-75%, kgs., f.o.b. N.Y..lb. .19775- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast....lb. .0270 Nom.
Coriander seed, Morocco, bgs..lb. .08¼- .08½
bleached, bgs.....lb. .09¼- .09½
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.79 - —
ex whse.....100 lbs. 3.89 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.91 - —
43°, bbls., c.l. .....100 lbs. 3.96 - —
Cornsilk, bls. .....lb. .07 - .08
Corrosive sublimate, cryst., dms., lb. 1.37 - 1.38
gran., powd., dms.....lb. 1.22 - 1.28
Cottonroot bark, bls.....lb. .13 - .14
Cottonseed hull ash, 25-30% pot-ash, bulk, dlvd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4 15 - 4.65
Cramp bark, genuine, bls.....lb. .20 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .18 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .19¾- —
smaller lots, bbls.....lb. .20¼- —
kgs. .....lb. .20¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14
Coaltar solution, tanks, works gal. .118 - .128
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12¼- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast, lb. .27 - —
10,000 lbs. and over, same basis..lb. .28 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —
Cube root, powd., 4% rotenone prices, 5c. per lb less.
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.
3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .30 - .31
powd., cs.....lb. .34 - .35
Culver's root, bls.....lb. .18 - .20
Cumin seed, Algerian, bgs.....lb. .09¼- .09½
Indian, bgs.....lb. .10 Nom.
Morocco, bgs.....lb. .09¼- .09½
Cutch, Philippine, bls., c.l...lb. .04 - —
Cyanamide, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit.. 1.75 - —
Cyanide-chloride, mixture, 75%, gran., dms..lb. .16 - .17
lump, dms .....lb. .14 - .15

D

Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .20 - .21
Deertongue leaves, bls.....lb. .13 - .15
Degras, common, dom., bbls..lb. .08 - .08½
English, bbls.....lb. .08 - .08½
neutral, dom., bbls.....lb. .13½- .15½
English, bbls.....lb. .13½- .15½
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f.o.b. N.Y.C., or Balto., frt. prepaid to West Coast ports....lb. .39 - —
30,000 lbs., contract or orders, basis..lb. .39½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
bbl., same basis....lb. .44 - —
less than 100 lbs., same basis..lb. .47 - —
import contracts, 30,000 lbs..lb. .21½- —
10,000 lbs. .....lb. .22 - —
4% rotenone prices 6c. per lb. less
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.60 - —
c.l., f.o.b. Chicago..100 lbs. 4.70 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.45 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 4.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.50 - —
Potato, import, bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .08 Nom.
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.l.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl phthalate, dms.....lb. .21 - —
Tartrate, dom., dms.....lb. .35 - .40
Import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichloroethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .27 - —
tanks, works.....lb. .25 - —
Diethyl carbonate, coml., dms..lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l.....lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylanilin, dms.....lb. .50 - —
Diethyleneglycol, dms., c.l., works, lb. .22 - —
l.c.l., works.....lb. .23 - .26
Monobutylether, dms., works.lb. .26 - .27
Diethyleneglycol, Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, dms.....lb. .33 - .35
Diglycol oleate, light, bbls....lb. .21 - .24
Dillseed, recleaned, bgs.....lb. .07¼- .07½
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls....lb. .16½- .17½
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .14½- .15½
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms, 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls, c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .07 - .08
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .85 - .90
Duboisine sulphate, vis.....oz.34.50 -35.00
36 Chrome yellow 9G.....lb. .65 - .70

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
189 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R .....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
354 Paper yellow.....lb. .53 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
629 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1089 Anthroquinone violet base..lb. 6.00 - —
690 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow O'I.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —

Charcoal—Ethyl. Dichlor.

Dyes, coaltar for stains (numbers are those of the Colour Index scale):—
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.00 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
863 Nigrosin .....lb. .36 - —
873 Methylene gray ....lb. 1.50 - —
Blue:—
714 Patent blue A .....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue ....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
656 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G, lb. .42 - —
57 Amidonaphthol red 6B, lb. .68 - —
79 Ponceau R .....lb. .48 - —
88 Fast red B .....lb. 1.05 - —
176 Fast red A .....lb. .54 - —
179 Azorubin .....lb. .52 - —
188 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B .....lb. 3.50 - —
752 Rhodamine 6G .....lb. 4.50 - —
768 Eosin G .....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B....lb. .75 - —
681 Crystal violet C....lb. 1.75 - —
695 Acid violet 4BN....lb. .85 - —
Yellow:—
10 Naphthol yellow S..lb. .85 - —
138 Metanil yellow .....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .26 - .27
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .60 Nom.
Elder flowers, bright, bls.....lb. .20 - .21
dark, bls. .....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .38 - .40
Emetine hydrochloride, bots...oz.17.00 -18.00
Ephedra, bls.....lb. No offers
Ephedrine, tins, 100 ozs.....oz. No prices.
Hydrochloride, tins, 100 ozs..oz. No prices.
Sulphate, cryst., tins, 100 ozs.oz. No prices
powd., tins., 100 ozs.....oz. No prices.
Epsom salt, tech., bgs....100 lbs. 1.80
bbls. .....100 lbs. 1.90 - -
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs. 1 withdrawal..lb. 2.35 - —
smaller lots .....lb. 2.60 - —
kgs., c.l. .....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots .....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.50 1.60
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms., 400 lbs...lb. .09 - —
cns., 35 lbs.....lb. .14 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caorcate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, cns.....lb. 3.40 - 4.25
Crotonate, dms., works....lb. 1.00 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld. lb. .70 - —
100 lbs., frt. alld.....lb. .75 - —
smaller lots, works.....lb. 1.00 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms, c.l., works, E. of Rockies, frt. alld..lb. .0545- —
West of Rockies, same basis..lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld..lb. .0644- —
West of Rockies, same basis..lb. .0694- —

Ethyleneglycol—Hydras.

Ethyleneglycol, dms., c.l.	lb.	.17	—
l.c.l.	lb.	.18	.21
tanks	lb.	.16	—
Monobutylether, dms., c.l., works	lb.	.20	—
l.c.l., works	lb.	.21	.24
tanks, works	lb.	.19	—
Monoethylether, dms., c.l., works	lb.	.16	—
l.c.l., works	lb.	.17	—
tanks, works	lb.	.15	—
Monoethylether acetate, dms., c.l., works	lb.	.14	—
l.c.l., works	lb.	.15	—
tanks, works	lb.	.13	—
Monomethylether, dms., c.l., works	lb.	.18	—
l.c.l., works	lb.	.19	.22
tanks works	ib.	.17	—
Ethylidinaniliin, dms	lb.	.45	.47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.07	—
l.c.l., same terms	lb.	.07½	—
tanks, same terms	lb.	.06	—
Ethylorthoparatoluenesulphonamide, bbls.	lb.	.55	—
Ethylparatoluenesulphonamide, bbls.	lb.	.60	—
Eucalyptol, cns., dms	lb.	.58	.60
Eucalyptus leaves, bls	lb.	.09	.10
Eugenol, bgs., cns	lb.	2.10	2.55
Euphorbia, bls	lb.	.06	.06½

F

Feldspar, enamel, 100 mesh, bulk, works	ton.	14.00	15.00
glass, 20 mesh, bulk, works	ton.	11.00	12.25
pottery, bulk, Me. works	ton.	17.00	19.00
N.C. works	ton.	17.00	19.00
Fennel seed, French type, bgs.,	lb.	.07½	.08
Indian, bags	lb.	.07½	.07¾
German, large, bgs	lb.	.18	.19
small, bgs	lb.	.13	.14
Fenugreek seed, bgs	lb.	.04	.04½
Ferric sulphate, dms., works	ton.	35.00	40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works	lb.	.12½	.13
smaller lots, E. works	lb.	.13½	.14
light, cs., 1,000 lbs. or over, works	lb.	.14	.15
smaller lots, E. works	lb.	.15	.16
water white, cs., 1,000 lbs. or over, E. works	lb.	.15	.16
smaller lots, E. works	lb.	.16	.17
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.			
Fir balsam, Canada, cns	gal.	8.50	8.75
Oregon bbls	gal.	1.60	1.70
Fish berries, bgs	lb.	.09	.10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures, unit-ton, resale		3.40 &	.10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.	ton.	52.00	—
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts	unit-ton.	2.90 &	.50 Nom.
sardine, meal, Japanese, 11½% ammon., bgs., c.l.f., ports, shipt.	ton.	47.00	—
Flake white, bbls., kgs	lb.	.09	.09¼
Fleaseed, French, black, bgs	lb.	.10	.11
Indian, blonde, bgs	lb.	.11	.12
Fluorspar, enamel, 96-98%, bgs.,	ton.	33.00	—
Fluorspar, standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines	ton.	20.00	21.50
import, bulk, Atlantic ports, duty-paid	ton.	25.00	28.50
lump, 85 and 5, dom., bulk., f.o.b. Ill., Ky., mines	ton.	21.00	22.50
powd., 97%, import., bgs., Atlantic ports, duty-paid		No prices.	
Formaldehyde, bbls., c.l., works,	lb.	.05¾	—
l.c.l., works	lb.	.06¼	—
dms., c.l., works	lb.	.05¼	—
l.c.l., works	lb.	.06¾	—
tanks, works	lb.	.04¼	—
Fringetree bark, bls	lb.	.13	.14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines	ton.	10.00	—
import., bgs., c.l., ex dock	ton.	23.00	—
l.c.l., ex whse	ton.	30.00	—
Furfural, refd., dms., c.l., works,	lb.	.15	—
l.c.l., works	lb.	.17½	.26
tech., dms., contracts, 150,000 lbs., works	lb.	.10	—
c.l., works	lb.	.12½	—
l.c.l., works	lb.	.15	.20
tanks, works	lb.	.09	—
Fusel oil, refd., dms., incl., dlvd.,	lb.	.16	.18
Fustic extract, cryst., bbls	lb.	.22	.26
liquid, bbls	lb.	.09½	.13
solid, dms	lb.	.17½	.19¼

G

G salt, bbls	lb.	.45	.48
Galangal root, bls	lb.	.09	.10
Gall extract, bbls	lb.	.19	.20
Gambier, common, bgs	lb.	No prices.	
plantation, bgs	lb.	.08¾	.09
Cubes, Singapore, bgs	lb.	.10½	—
Extract, bbls	lb.	.06½	Nom.
Gasoline, at refinery:—			
Bayonne, US motor, 62-63 octane, tanks	gal.	.07	—
65 octane, tanks	gal.	.07½	—
above 65 octane, tanks	gal.	.08	—
California, 54-58, tanks	gal.	.07¼	—
Gulf Coast, US motor, bulk,	gal.	.06	—
60-62, 390 e.p., bulk, export,	gal.	.06½	—
60-62, 400 e.p., bulk, export,	gal.	.06½	—
64-66, 375 e.p., bulk, export,	gal.	.06¼	—
Louisiana-Arkansas, US motor, 62 octane, tanks	gal.	.05¾	.06
63-67 octane, tanks	gal.	.06½	.06¾
68-70 octane, tanks	gal.	.06¾	.06¾
Oklahoma-Texas, US motor, 62 octane and below, tanks	gal.	.04¾	.05¾
63-67 octane, tanks	gal.	.05¼	.05¾
68-70 octane, tanks	gal.	.05¾	.06½
60-62, 400 e.p., tanks	gal.	.04¾	.05¾
64-66, 375 e.p., tanks	gal.	.05	.05¼
natural, 12-lb. vapor pres., tanks	gal.	.05¾	.06
14-lb. v.p., tanks	gals.	.05½	.05¾
18-lb. v.p., tanks	gal.	.04¾	.05
22-lb. v.p., tanks	gal.	.04½	.04¾
26-70-lb., v.p., tanks	gal.	.04	.04½
Pennsylvania, US motor, below 60 octane, tanks	gal.	.05¾	.05¾
60 octane, tanks	gal.	.07¾	.07¾
52-54, 450 e.p., naphtha, tanks	gal.	.05¾	.06
54-56, 400 e.p., strt. run, tanks	gal.	.05¾	.06¼
Gelatin, silver, cs	lb.	.45	.50
Gelsemium root, bls	lb.	.13	.14
Gentian root, bls	lb.	.13	.14
grd., bbls., bxs	lb.	.15	.16
powd., bbls., bxs	lb.	.16	.17
Geraniol, cns., dms	lb.	.75	3.00
Geranyl acetate, bots., dms	lb.	1.75	2.50
Ginger root, African, bgs	lb.	.15	.15½
Cochin, lemon, bgs	lb.	.15½	.15¾
Jamaica, bold, bgs	lb.	.17	.17½
grinding, bright, bgs	lb.	.15½	.16
medium, bold, bgs	lb.	.16	.16½
Japanese, bgs	lb.	.16	.16½
Ginseng fibers, cs	lb.	1.75	3.00
Root, cultivated, cs	lb.	4.00	5.00
wild, Southern, cs	lb.	6.00	7.00
Glauber's salt, anhyd. (see Soda sulphate).			
cryst., dom., bgs., bbls., c.l., works	100 lbs.	.95	1.15
5 tons or over, works	100 lbs.	1.05	1.35
less than 5 tons, works	100 lbs.	1.15	1.35
import., bgs	100 lbs.	1.05	1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.	lb.	.14	—
l.c.l., dlvd	lb.	.14½	—
36/58, bgs., c.l., dlvd	lb.	.14½	—
l.c.l., dlvd	lb.	.15	—
58/82, bgs., c.l., dlvd	lb.	.15½	—
l.c.l., dlvd	lb.	.16	—
82/108, bgs., c.l., dlvd	lb.	.16	—
l.c.l., dlvd	lb.	.16½	—
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest	lb.	.16½	—
l.c.l., same basis	lb.	.17	—
60/164, bgs., c.l., same basis	lb.	.18	—
l.c.l., same basis	lb.	.18½	—
67/192, bgs., c.l., same basis	lb.	.19	—
l.c.l., same basis	lb.	.19½	—
75/222, bgs., c.l., same basis	lb.	.20	—
l.c.l., same basis	lb.	.21	—
83/251, bgs., c.l., same basis	lb.	.21	—
l.c.l., same basis	lb.	.22	—
92/283, bgs., c.l., same basis	lb.	.22	—
l.c.l., same basis	lb.	.23	—
102/315, bgs., c.l., same basis	lb.	.22½	—
l.c.l., same basis	lb.	.23½	—
113/347, bgs., c.l., same basis	lb.	.23½	—
l.c.l., same basis	lb.	.24½	—
123/379, bgs., c.l., same basis	lb.	.24½	—
l.c.l., same basis	lb.	.25½	—
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.			
Glycerin, C.P., makers, cns., l.c.l.	lb.	.23½	.24
dms., extra, c.l.	lb.	.21½	—
l.c.l.	lb.	.22	—
dynamite, dms., extra, c.l.	lb.	.21½	—
l.c.l.	lb.	.22	—
saponification, basis 88%, dms., returnable, dlvd.	lb.	.16	.16½
soaplye, basis 80%, dms., returnable, dlvd.	lb.	.14½	.15
yellow, distilled, dms., extra, c.l.	lb.	.23¾	—
l.c.l.	lb.	.23¾	—
Glycol boriborate, dms	lb.	.26	—
Phthalate, dms	lb.	.40	—
Stearate, dms	lb.	.27½	—
Gold, U. S. purchase price	oz.	35.00	—
Chloride, acid brown, bots	oz.	20.75	21.00
yellow, bots	oz.	18.75	19.00
Gold-soda chloride, photo., bots.,	oz.	13.00	—
USP IX, bots	oz.	14.50	14.75
Gold of pleasure seed, bgs	lb.	.16½	.17
Golden seal root, bls	lb.	3.10	3.15
powd., bxs	lb.	3.25	3.30
Grains of paradise, bgs	lb.	.35	.37
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works	lb.	.06	—
bbls., c.l., works	lb.	.06¼	—
l.c.l., works	lb.	.06½	—
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works	lb.	.02½	—
bbls., c.l., works	lb.	.02¾	—
l.c.l., works	lb.	.03¼	—
80% graphitic carbon, bgs., c.l., works	lb.	.03¼	—
bbls., c.l., works	lb.	.03¾	—
l.c.l., works	lb.	.04½	—
Grease, house, trcs	lb.	.06	.06½
White, trcs	lb.	.07	.08
Yellow, trcs	lb.	.06	.06½
Wool (see Adeps lanae and Degras).			
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	.21	—
6-10%, bbls., same basis	lb.	.22	—
11-15%, bbls., same basis	lb.	.23	—
16-20%, bbls., same basis	lb.	.23½	—
21-25%, bbls., same basis	lb.	.24	—
26-30%, bbls., same basis	lb.	.24½	—
31-35%, bbls., same basis	lb.	.25½	—
36-40%, bbls., same basis	lb.	.27	—
41-45%, bbls., same basis	lb.	.28½	—
46-50%, bbls., same basis	lb.	.30	—
over 50%, bbls., same basis	lb.	.31	—
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
reduced, C.P. color content up 5%, bbls., same basis,	lb.	.06	—
6-10%, bbls., same basis	lb.	.06¾	—
11-13%, bbls., same basis	lb.	.07¼	—
14-16%, bbls., same basis	lb.	.07½	—
17-19%, bbls., same basis	lb.	.07¾	—
20-21%, bbls., same basis	lb.	.08	—
22-23%, bbls., same basis	lb.	.08¼	—
24-25%, bbls., same basis	lb.	.08½	—
26-27%, bbls., same basis	lb.	.08¾	—
28-29%, bbls., same basis	lb.	.09¼	—
30-31%, bbls., same basis	lb.	.10	—
32-33%, bbls., same basis	lb.	.11¼	—
34-35%, bbls., same basis	lb.	.12¼	—
36-40%, bbls., same basis	lb.	.14¼	—
41-45%, bbls., same basis	lb.	.16¼	—
46-50%, bbls., same basis	lb.	.16¾	—
51-55%, bbls., same basis	lb.	.17¼	—
56-60%, bbls., same basis	lb.	.17¾	—
61-65%, bbls., same basis	lb.	.18¼	—
66-70%, bbls., same basis	lb.	.19¼	—
71-75%, bbls., same basis	lb.	.20¼	—
Chrome, oxide, dom., pure, bbl.	lb.	.21	—
ceramic, light shades, bbls., c.l., works	lb.	.28	—
l.c.l. works	lb.	.30	—
standard grade, bbls., works	lb.	.19	.26
tetrahydroxide, bbls	lb.	.85	—
Paris (see P)			
Tungstated, brilliant, kgs	lb.	3.75	—
emerald, kgs	lb.	2.60	—
Verdigris (see V)			
Green dyes are listed under Dyes.			
Grindelia robusta, bls	lb.	.08½	.10
Gum, Guaiac resin, cs	lb.	.23½	.24½
strained, cs	lb.	.90	1.00
Wood, bls	lb.	.04	.08
Guaiacol, liq., djns	lb.	1.55	1.70
Carbonate, fib., dms., 25 lbs.	lb.	2.20	—
kgs. 100 lbs	lb.	2.15	—
Guarana, powd., cs	lb.	1.20	1.25
Gum, aloe (see A)			
Ammoniac, tears., cs	lb.	.85	.90
Arabic, amber sorts, cleaned, bgs.	lb.	.13	.13¼
white, sorts, 1, bgs	lb.	.29	.30
2, bgs	lb.	.27	.28
powd., bbls	lb.	.16½	.17
Asafetida (see A)			
Asphaltum (see A)			
Benzoin, Siam, cs	lb.	1.40	1.65
Sumatra, cs	lb.	.22	.25
Camphor (see C)			
Chicle, bgs	lb.	.40	.45
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran.	lb.	.46	—
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.			
2, cloudy, white, bgs., c.l., same basis	lb.	.31¾	—
3, selected pale straw bold, bgs., c.l., same basis	lb.	.20	—
4, pale bold straw, bgs., c.l., same basis	lb.	.20¾	—
5, pale straw bold, bgs., c.l., same basis	lb.	.15¾	—
6, pale amber bold, bgs., c.l., same basis	lb.	.15¾	—
7, pale straw bold, bgs., c.l., same basis	lb.	.14¾	—
8, light amber bold, bgs., c.l., same basis	lb.	.14¾	—
9, medium light amber bold, bgs., c.l., same basis	lb.	.11¾	—
10, rescraped hard amber bold, bgs., c.l., same basis,	lb.	.10¾	—
11, hard dark amber bold, bgs., c.l., same basis	lb.	.08¾	—
12, selected bold sorts, bgs., c.l., same basis	lb.	.08	—
13, dark sorts bold, bgs., c.l., same basis	lb.	.06¼	—
14, selected, fully scraped ivory, bgs., c.l., same basis	lb.	.19¾	—
15, ordinary ivory sorts, bgs., c.l., same basis	lb.	.08¼	—
16, inferior ivory sorts, bgs., c.l., same basis	lb.	.06¼	—
17, pale fingers, bgs., c.l., same basis	lb.	.18¾	—
18, pale straw nubs, bgs., c.l., same basis	lb.	.13¾	—
19, pale straw nubs, bgs., c.l., same basis	lb.	.12¼	—
20, hard dark amber nubs, bgs., c.l., same basis	lb.	.09¼	—
21, ordinary selected nubs, c.l., same basis	lb.	.08¾	—
22, small mixed nubs, bgs., c.l., same basis	lb.	.07¾	—
23, dark mixed nubs, bgs., c.l., same basis	lb.	.07¾	—
24, No. 1, ivory nubs, bgs., c.l., same basis	lb.	.16¾	—
25, No. 2 natural ivory nubs, bgs., c.l., same basis	lb.	.07¾	—
26, pale bold chips, bgs., c.l., same basis	lb.	.07¾	—
27, pale small chips, bgs., c.l., same basis	lb.	.06½	—
28, pale dust, bgs., c.l., bgs., same basis	lb.	.05¾	—
East India, Batu, bold scraped, bgs., c.l., same basis	lb.	.06¼	—
unscraped, bgs., c.l., same basis	lb.	.04	—
chips, bgs., c.l., same basis	lb.	.03¾	—
dust, bgs., c.l., same basis,	lb.	.03¾	—
nubs, bgs., c.l., same basis	lb.	.10¾	—
Singapore Rasak, bold, bgs., c.l., same basis	lb.	.15¾	—
chips, bgs., c.l., same basis,	lb.	.04¾	—
dust, bgs., c.l., same basis	lb.	.03¾	—
nubs, bgs., c.l., same basis	lb.	.10¾	—
Manila, Boeas, amber and dark, bskts., c.l., same basis	lb.	.14	—
light, bskts., c.l., same basis	lb.	.13½	—
Loba A, bskts., c.l., same basis	lb.	.12	—
B, bskts., c.l., same basis	lb.	.11¾	—
C, bskts., c.l., same basis	lb.	.11¼	—
CNE, bskts., c.l., same basis	lb.	.07¾	—
D, bskts., c.l., same basis	lb.	.09¾	—
DK, bskts., c.l., same basis,	lb.	.07¾	—
DU, bskts., c.l., same basis,	lb.	.08¾	—
dust, bskts., c.l., same basis,	lb.	.06¾	—
Sambas and white split chips, basks., c.l., same basis	lb.	.14¾	—
Singapore, dust, bskts., c.l., same basis	lb.	.06¾	—
spirit-soluble, CBB, bskts., c.l., same basis	lb.	.08¾	—
DBB, bskts., c.l., same basis,	lb.	.08¾	—
MA, bskts., c.l., same basis,	lb.	.07¼	—
MB, bskts., c.l., same basis,	lb.	.06¾	—
WS, bskts., c.l., same basis,	lb.	.08¾	—
Philippine Manila, amber sorts, bskts., c.l., same basis	lb.	.07¾	—
chips, pale, bskts., c.l., same basis	lb.	.08¾	—
small, bskts., c.l., same basis	lb.	.07¾	—
extra pale sorts, bskts., c.l., same basis	lb.	.09½	—
nubs, bskts., c.l., same basis	lb.	.11¾	—
pale, scraped, bskts., c.l., same basis	lb.	.11¾	—
seeds and dust, bskts., c.l., same basis	lb.	.06½	—
Pontianak, bold, genuine, bgs., same basis	lb.	.16½	—
mixed, bgs., c.l., same basis	lb.	.14	—
chips, bgs., c.l., same basis	lb.	.10¼	—
split, bgs., c.l., same basis	lb.	.14¾	—
nubs, bgs., c.l., same basis	lb.	.12¾	—
Gum, dammar, Batavia A, cs., c.l., same basis as copal	lb.	.25½	—
A/D, cs., c.l., same basis	lb.	.20¾	—
A/E, cs., c.l., same basis	lb.	.17¼	—
B, cs., c.l., same basis	lb.	.24	—
C, cs., c.l., same basis	lb.	.20¾	—
D, cs., c.l., same basis	lb.	.17½	—
dust, cs., c.l., same basis	lb.	.06¾	—
E, cs., c.l., same basis	lb.	.08½	—
F, cs., c.l., same basis	lb.	.07¼	—
Singapore, 1, cs., c.l., same basis	lb.	.22	—
2, cs., c.l., same basis	lb.	.16¼	—
3, cs., c.l., same basis	lb.	.05¾	—
chips, cs., c.l., same basis	lb.	.13½	—
dust., cs., c.l., same basis	lb.	.05¾	—
seeds, cs., c.l., same basis	lb.	.09½	—
Elemi, cns., c.l., same basis as copal	lb.	.09¾	—
Ester, dms., 75,000 lbs., dlvd.	lb.	.10	—
c.l., single shipment, dlvd.	lb.	.10¼	—
l.c.l., dlvd	lb.	.10½	—
Euphorbium, cs	lb.	.17	.18
Galbanum, cs	lb.	.95	1.00
Gamboge, pipe, cs	lb.	.80	Nom.
powd., bbls	lb.	.85	Nom.
Ghatti, soluble, bgs	lb.	.11	.15
superior, bgs	lb.	.09	.11
Guaiac (see Guaiac resin).			
Karaya XXX, bbls., bxs., dms	lb.	.27	.30
XX, bbls., bxs., dms	lb.	.18	.19
1, bbls., bxs., dms	lb.	.12	.13
2, bbls., bxs., dms	lb.	.11	.12
Kauri, brown, XXX, cs., c.l., lb.	lb.	.60	—
DX, cs., c.l., same basis	lb.	.38	—
B1, cs., c.l., same basis	lb.	.28	—
B2, cs., c.l., same basis	lb.	.24	—
B3, cs., c.l., same basis	lb.	.18½	—
80% chips, cs., c.l., same basis	lb.	.13¾	—
pale, XXX, cs., c.l., same basis	lb.	.61	—
1, cs., c.l., same basis	lb.	.41	—
2, cs., c.l., same basis	lb.	.24	—
3, cs., c.l., same basis	lb.	.17¾	—
Kino, tins	lb.	2.00	2.10
Mastic, cs., c.l., same basis as copal	lb.	.55	.56
Myrrh, USP, cs	lb.	.40	.41
Olibanum, siftings, cs	lb.	.07½	.18
tears, cs	lb.	.13	.24
Opium (see O)			
Rosin (see R)			
Sandarac, cks, c.l., same basis ac copal	lb.	.25	.26
Scammony, cs	lb.	1.10	1.15
Senegal, picked, bgs	lb.	.27	.29
sorts, bgs	lb.	.14½	.15
Talha, bgs	lb.	.07½	.08
Thus, bbls. 280 lbs.	ton.	13.75	14.00
Tragacanth, Aleppo, 1, cs	lb.	2.75	3.00
2, cs	lb.	2.40	2.45
3, cs	lb.	2.35	2.40
4, cs	lb.	2.30	2.35
5, cs	lb.	2.25	2.30
Flake, bgs	lb.	.50	1.00
Yacca, bgs., c.l., same basis as copal	lb.	.03½	—
powd., bgs., c.l., same basis	lb.	.04½	—
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.	ton.	21.15	—
Medicine Lodge, Kans., frt. equald.	ton.	17.90	—
New Brighton, N. Y., frt. equald.	ton.	27.15	—
Southard, Okla., frt. equald.	ton.	17.00	—
Sweetwater, Tex., frt. equald.	ton.	21.15	—
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.	ton.	12.50	—
Blue Rapids, Kans., frt. equald.	ton.	12.50	—
New Brighton, N. Y., frt. equald.	ton.	15.70	—
Southard, Okla., frt. equald.	ton.	12.50	—
Sweetwater, Tex., frt. equald.	ton.	12.50	—
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.	ton.	8.00	—
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald.	ton.	12.00	—
import, bgs., ex dock	ton.	27.50	—

H

Heliotropin, cryst., cns	lb.	1.80	2.20
Hellebore, white, root, powd., bbls.	lb.	.12	.13
Helonias root, bls	lb.	.70	.75
Hematine crystals, bbls	lb.	.18	.84
Hemlock extract, 25% tan., bbls.	lb.	.03	.08¼
Hempseed, Manchur, bgs	lb.	.04¾	.05
Henbane leaves, bls	lb.	.19	.20
Henna leaves, bls	lb.	.07½	.09
powd., bbls, bxs	lb.	.10	.11
Heptane, mixed, 77-115°C., dms., c.l., Group 3	gal.	.12	—
l.c.l., Group 3	gal.	.16	—
tanks, Group 3	gal.	.06½	—
normal, 86-100°., dms., c.l., Group 3	gal.	.13	—
l.c.l., Group 3	gal.	.17	—
tanks, Group 3	gal.	.10½	—
Hexalin, dms	lb.	.30	—
Hexane, normal, 60-70° C., dms., c.l., Group 3	gal.	.13	—
l.c.l., Group 3	gal.	.17	—
tanks, Group 3	gal.	.10½	—
laboratory grade, dms., c.l., Group 3	gal.	.16	—
l.c.l., Group 3	gal.	.25	—
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C.	lb.	.35	—
150 to 1,350 lbs. shipments, same basis	lb.	.36	—
USP, dms., 500 lbs. or more, shipments, same basis,	lb.	.46	—
100 to 400 lbs. shipments, same basis	lb.	.47	—
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.13	—
l.c.l., same terms	lb.	.13½	—
tanks, same terms	lb.	.12	—
Homatropine hydrobromide, bots., 50 ozs.	oz.	13.00	—
25 ozs	oz.	13.50	—
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago	unit-ton.	3.40	—
Hops, dom., 1936 crop, bls	lb.	.46	.51
import., 1936 crop, bls	lb.	.55	.70
Horehound, bls	lb.	.13	.14
Hydrangea root, bls	lb.	.12	.13
Hydrastine, bots., 4 ozs.	oz.	17.25	—
cns., 16 ozs.	oz.	17.00	—
Hydrochloride, bots., 4 ozs.	oz.	17.25	—
cns., 16 ozs.	oz.	17.00	—
Sulphate, bots., 4 ozs.	oz.	19.25	—
cns., 16 ozs.	oz.	19.00	—

Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz. 18.00 -19.00
Hyoscyamine, bots.....oz. 15.00 - —
Hydrobromide, bots.....oz. 15.00 - —
Sulphate, bots.....oz. 15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs .....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb. 34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.15 - —
kgs, 150 lbs.....lb. .90 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.65 - —
cbys., 5 gals.....gal. 1.75 - —
mild, bbls., 47 gals.....gal. .90 - —
cbys., 5 gals.....gal. 1.00 - —
Iodoform, dms., 100 lbs.....lb. 3.75 - —
jrs., 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.30 - 1.35
powd., bxs.....lb. 1.45 - 1.50
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .19 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
IV, djns., 50 lbs.....lb. .16 - —
Chloride, tech., cryst., bbls., kgs..lb. .05 - .08
USP, cryst., bbls., 500 lbs..lb. .07½- —
kgs., 100 lbs.....lb. .08½- —
solut., USP, cbys., 130 lbs., lb. .06½- —
djns., 50 lbs.....lb. .16 - —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots.....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .08
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.),
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .14 - .15
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .38 - .40
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .05¾- .06
Gulf ports, p.w., bulk, export, gal. .05½- —
w.w., bulk..gal. .05¼- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04¼- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04¼
42-44 w.w., tanks.....gal. .04½- .04¾
Pennsylvania, 45 w.w., tanks, gal. .05¼- —
46 w.w., tanks.....gal. .05¾- —
47 w.w., tanks.....gal. .05½- —
Kerosene, tankwagon:—
Atlanta .....gal. .13 - —
Boston .....gal. .07½- —
Chicago .....gal. .101 - —
Cincinnati .....gal. .135 - —
Denver .....gal. .11½- —
Louisville .....gal. .10¼- —
Minneapolis .....gal. .10½- —
New Orleans.....gal. .14 - —
New York.....gal. .07¾- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 12.75 -12.85
Middlewestern, trcs....100 lbs. 11.75 -11.85
Neutral, trcs.....100 lbs. 13.00 -13.25
Western, choice, trcs..100 lbs. 11.85 -11.95
Compound, trcs.....100 lbs. 10.25 -10.50
Larkspur seed, bgs.....lb. .30 - .35
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04¾- .05
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls.....lb. .55 - .60
Lead acetate, white, broken, bbls..lb. .12 - —
cryst., bbls.....lb. .12 - —
gran., bbls.....lb. .12¾- —
powd., bbls.....lb. .12¾- —
Arsenate, dms., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11½- —
1,000 lbs. or more, dealers dms., E. of Rockies..lb. .12 - —
W. of Rockies....lb. .11¾- —
less than 1,000 lbs., dealers, E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12½- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., divd., E..lb. .07½- —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07¾- —
l.c.l., divd., E.....lb. .07¾- —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .08 - —
Carbonate (see Lead, white)
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars .....lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .22½- —
5 lb. cont., f.o.b. works..lb. .25½- —
Nitrate, bbls.....lb. .11 - .11½
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), divd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
other points....lb. .08½- —
l.c.l., 5 tons, divd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .09¾- —
divd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¾- —
Colo., Mont., N. Mex., Wyo. ...lb. .09½- —
other points.....lb. .09 - —
smaller lots, divd., Ala., etc..lb. .09¾- —
Ariz., etc. .....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
97%, Pb_3O_4, bbls., c.l., (20 tons) divd., Ala., etc., lb. .09 - —
other points....lb. .08¾- —
l.c.l., 5 tons, divd., Ala., etc..lb. .09½- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
smaller lots divd., Ala., etc..lb. .10 - —
Ariz. .....lb. .10½- —
Colo. .....lb. .10 - —
other points.....lb. .09¾- —
98%, Pb_3O_4, bbls., c.l., (20 tons), divd., Ala., etc..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, divd. Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
smaller lots, divd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
in oil, 100-lb. kgs., agents..lb. .11¾- —
Resinate, fused, 16%, bbls....lb. .09½- —
pale, bbls. .....lb. .11½- —
precip., bbls .....lb. .16½- —
Stearate, bbls. .....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .12 - —
l.c.l., 5 tons, one delvy, divd., lb. .12¼- —
smaller lots.....lb. .12½- —
White, dry, basic carbonate, bbls., c.l., divd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah. Wash. and Wyo..lb. .08¼- —
other points .....lb. .08 - —
l.c.l. divd. Ariz., etc..lb. .08½- —
other points .....lb. .08¼- —
basic sulphate, bbls., c.l., divd. Ariz., etc..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., divd. Ariz., etc..lb. .08 - —
other points.....lb. .07¾- —
in oil, 100-lb. kgs., consumers..lb. .13 - —
dealers .....lb. .11 - —
painters .....lb. .12 - —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs....lb. .17 - .18
powd., bbls .....lb. .27 - .28
Root, bls. .....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .17 - .18
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa. ....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
California, northern..ton. 11.80 - —
southern .....ton. 11.45 - —
Cedar Hollow, Pa..ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio .....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La. .....ton. 7.00 - —
Farnams, Mass. ....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo. .....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Knoxville, Tenn...ton. 6.25 - —
Leroy, Minn. .....ton. 8.00 - —
Limedale, Ark. .....ton. 7.00 - —
Longview, Ala. .....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich. ..ton. 7.50 - —
Mitchell, Ind. .....ton. 6.50 - —
Newala, Ala. .....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Rippleмead, Va. ....ton. 6.25 - —
Riverton, Va. .....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis. ....ton. 7.00 - —
Sherwood, Wis. ....ton. 7.50 - —
Springfield, Mo. .....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo .....ton. 11.00 - —
California, northern..ton. 15.30 - —
southern .....ton. 13.95 - —
Cedar Hollow, Pa....ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton. 12.00 - —
Durbin, Ohio .....ton. 8.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Easton, La. .....ton. 9.00 - —
Farnams, Mass. ....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo. .....ton. 8.50 - —
Keystone, Ala. .....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark. .....ton. 9.00 - —
Longview, Ala. .....ton. 9.00 - —
Louisville, Ky. .....ton. 14.50 - —
Marble Cliff, Ohio....ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Militown, Ind. .....ton. 12.50 - —
Mitchell, Ind. .....ton. 9.00 - —
Newala, Ala. .....ton. 9.00 - —
Pelham, Ala. .....ton. 9.00 - —
Petolsky, Mich. ....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton. 12.00 - —
Rippleмead, Va. ....ton. 8.00 - —
Riverton, Va. .....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 -
Durbin, Ohio .....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 11.00 - —
Marble Cliff, Ohio....ton. 11.00 - —
Marblehead, Ohio....ton. 11.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Woodville, Ohio.....ton. 11.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .14½
dealer, fr't all'd.....gal. .13 - .16
l.c.l., consumer, fr't all'd, gal. .15 - .18
dealer, fr't all'd.....gal. .14 - .17
tanks, consumer, divd...gal. .11½- —
dealer, divd.....gal. .11 - —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, cns., 25 lbs...lb. 1.70 - 2.45
Linden flowers, with leaves, bls.lb. .18 - .19
without leaves, bls.....lb. .20 - .21
Linseed cake, bgs., export....ton. 30.00 - —
Meal, 32%, dom., bgs.....ton. 41.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
other points.....lb. .07½- —
5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .08¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points .....lb. .08 - —
smaller lots, divd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points .....lb. .08½- —
Lithium bromide, 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, bbls., 250 lbs....lb. 1.25 - —
kgs., 100 lbs.....lb. 1.30 - —
Chloride, jars, 25 lbs.....lb. 1.65 - 1.70
Citrate, bbls., 250 lbs.....lb. 1.40 - —
fib. dms., 25 lbs.....lb. 1.45 - —
kgs., 100 lbs.....lb. 1.40 - —
Lithium iodide, bots., 5 lbs....lb. 4.85 - —
jars, 25 lbs.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, divd. E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis..lb. .06¼- —
bbls., 20 tons, same basis, lb. .06¼- —
smaller lots, same basis..lb. .06¾- —
ordinary, bgs., 20 tons, same basis..lb. .04¾- —
smaller lots, same basis..lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis..lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis..lb. .06½- —
bbls., 20 tons, same basis, lb. .06¼- —
smaller lots, same basis..lb. .06¾- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11¼
solid bxs.....lb. .15 - .19
Sticks, Haitian, shipt.....ton. 24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .35 - .37
Lupulin, N E., tins.....lb. 1.75 - 2.00
Lycopodium, cs.....lb. 1.30 - 1.35

M

Mace, Banda, cs.....lb. .57 - .58
Batavia, cs.....lb. .48 - .49
Siauw, I., cs.....lb. .53 - .54
Madder, Dutch, bgs.....lb. .22 - .25

Magnesia arsenate, cs., dms..lb. .18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.....lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis, lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis, lb. .27 - —
super light, bbls., same basis..lb. .30 - —
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l. .....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l. .....lb. .08¾- —
l.c.l. .....lb. .09¼- —
Zone 2, bgs., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
bbls., c.l. .....lb. .07 - —
l.c.l. .....lb. .07½- —
kgs., c.l. .....lb. .08½- —
l.c.l. .....lb. .09 - —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l. .....lb. .09¾- —
l.c.l. .....lb. .10¼- —
Zone 2, works, bbls., c.l..lb. .08 - —
l.c.l. .....lb. .08¼- —
kgs., c.l.....lb. .09½- —
l.c.l. .....lb. .10 - —
Zone 1:—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full frt alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts., frt. alld., including divd. store-door. Zone 2:—Balance of U. S.
Chloride, flake, dom., bbls., works..ton. 39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.95
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10¼
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt)
Magnesite, cal., import, bbls.ton. 60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton. 25.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls. .....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .16 - .17
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12¾
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .21 - .22
Chloride, bbls.....lb. .09 - —
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton. 66.50 - —
l.c.l., 5 tons, works..ton. 69.50 - —
smaller lots, works.ton. 74.50 - —
burlap bgs., c.l., works.ton. 64.50 - —
l.c.l., 5 tons, works..ton. 67.50 - —
smaller lots, works.ton. 72.50 - —
paper bgs., c.l., works.ton. 62.50 - —
l.c.l., 5 tons, works.ton. 65.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.61 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000 lbs. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .91 - —
Hydrate, bbls., dlvd.....lb. .32 - —
Iodide, bots., 5 lbs.....lb. 5.25 - —
jars, 25 lbs.....lb. 5.00 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19¼
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52%, basis, bbls., c.l. Atl. ports..unit-ton. .50 Nom.
Resinate, fused, 3½%, bbls..lb. .08¼- .09½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07¼
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton. 48.75 - —
l.c.l., bgs.....ton. 55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton. 25.50 -26.00
Manna flake, large, cs.....lb. .40 - .42
small, cs.....lb. .20 - .22
Mannitol, pure, cryst., cs., works, lb. 1.45 - —
Marble flour, bgs.....ton. 12.00 -14.00
Marjoram, French, bbls.....lb. .20 - .26½
Tunisian, bls.....lb. .16 Nom.
Matico leaves, bls.....lb. .28 - .30
Menthol, USP, natural, cs.....lb. 3.40 - 3.50
synthetic, tech., cs.....lb. 2.25 - —
U.S.P., cs.....lb. 3.25 - —
liquid, dms., 40 lbs.....lb. 1.60 - —
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .87 - —
25 lbs.....lb. .89 - —
50%, pails, 50 lbs.....lb. 1.26 - —
25 lbs.....lb. 1.28 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs.....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs. lb. 3.67 - —
cns., 25 lbs.....lb. 3.55 - —
fib. dms., 100 lbs.....lb. 3.55 - —
yellow, bls., 5 lbs.....lb. 3.67 - —
cns., 25 lbs.....lb. 3.65 - —
fib. dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment)
Oxide red, N.F. (see Red precipitate)
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.49 - 1.50
USP, fib. dms.....lb. 2.01 - 2.03
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l. works.....lb. .21 - —
l.c.l., works .....lb. .21½- —
tanks, works .....lb. .20 - —

Metal Leaf—Naphthalene

Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.70 - 1.80
Gold, XX deep, 3⅜x3⅜ in.pkg. 14.25 -14.75
3⅜x3⅜ in.....pkg. 15.50 -16.50
4x4 in.....pkg. 18.50 -19.00
3⅞x5⅛ in.....pkg. 21.50 -22.00
3⅞x5⅛ in.....pkg. 23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.25 - 2.35
Metanitroaniliin, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenediamine, kgs....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies..gal. .44 - —
tanks, frt. alld., E. of Rockies..gal. .38 - —
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt. alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —

Methyl acetone, nat., dms., c.l., contracts, Zone 1..gal. .36 - —
2, ...gal. .39 - —
3, ...gal. .40 - —
4, ...gal. .42 - —
tanks, contracts, Zone 1.gal. .30 - —
2 .....gal. .32½- —
3 .....gal. .33½- —
4 .....gal. .34 - —

Methyl acetone, natural, prices are quoted for direct shipment from refinery f.o.b. shipping point, freight allowed to destination; barrell packing, 2½c. per gal. more, in all brackets. The sale zones are: Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .42 - —
2, frt. alld. E. of Rockies. gal. .45 - —
3, Pacific coast.....gal. .46 - —
l.c.l., Zone 1, frt. alld. E of Rockies..gal. .44¼-

Methyl acetone, synthetic, dms., l.c.l., Zone 2, frt. alld. E. of Rockies..gal. .51 - —
3. Pacific Cst.....gal. .48½- —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .36 - —
2. ft. alld. E. of Rockies. gal. .38½- —
3. Pacific Coast.....gal. .39½- —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, cns, 25 lbs.....lb. .70 - 1.00
Chloride, refrigeration, 500 lb. and up, machine mfrs. and jobbers, cylinders.lb. .32- —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs, cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride prices are spot or contract, effective Juy 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130 lbs. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots. jars.....lb. 5.80 - 5.85

Methyl, salicylate, dms.....lb. .40 - .43
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene blue, medicl., kgs, 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works.lb. .18 - .22
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb. 27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylnaphtyl ketone, cryst. bots..lb. 2.10 - 2.25
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l. works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.50.00 -60.00
second grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-ground, paint, oil or lacquer, bgs., c.l., dlvd. E....lb. .04¼- —
l.c.l., works.....lb. .04¾- —
water. bgs., c.l., dlvd. E..lb. .04 - —
l.c.l. works.....lb. .04 - —
paper, wall or coated, bgs., c.l. frt. alld., E..lb. .03¾- —
l.c.l., 2,000 lbs., frt. all., E..lb. .04¼- —
smaller lots, frt. alld., E..lb. .04¾- —
rubber. bgs., c.l., frt. alld., E..lb. .03½- —
l.c.l., 2,000 lbs., ft., alld., E..lb. .04 - —
smaller lots, frt. alld., E..lb. .04¼- —
wet-ground mica prices are ½c. per pound higher on Pacific coast.
Milk powder, skimmed, roller, bbls., c.l...lb. .07½- —
l.c.l. .....lb. .08½- —
spray, bbls., c.l.....lb. .08½- —
l.c.l. .....lb. .09½- —
unskimmed, roller, bbls., c.l..lb. .17 - —
l.c.l. .....lb. .17½- —
spray, bbls., c.l.....lb. .17½- —
Millet seed, bgs.....lb. .02¾- .03
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum V. M. & P. naphtha) thinner and
Molasses, blackstrap, tanks..gal. .07 - —
New Orleans.....gal. .06½- —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. No prices
Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works.....lb. .55 - —
Monobutylamine, dms., l.c.l., works..lb. .65 - —
Monochlorobenzene, dms.....lb. .06 - .08½
Monoethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., dms .....lb. .27 - —
tanks .....lb. .25 - —
Monoethylaniliin, dms.....lb. .77 Nom.
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.90 - —
5 lbs. to 75 lbs.....lb. 4.20 - —
1 lb.....lb. 4.35 - —
Ketone, cns., 100 lbs. or more, lb. 4.05 - —
5 lbs. to 75 lbs.....lb. 4.35 - —
1 lb.....lb. 4.50 - —
Xylol, cns., 100 lbs. or more lb. 1.15 - —
5 lbs. to 75 lbs.....lb. 1.25 - —
1 lb.....lb. 1.40 - —
Musk root, bls.....lb. .13 - .14
Mustard seed, Bombay, brown, bgs..lb. .06½- .06¾
California, brown, bgs.....lb. .07¾- .08¼
yellow, bgs.....lb. No stocks
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .08½- .08½
Dutch, yellow, bgs.....lb. .08 - .08½
English, yellow, bgs.....lb. .08¾- .09¼
Hungarian, yellow, bgs....lb. .07¾- .07¾
Roumanian, yellow, bgs....lb. .06 - .06½
Myrobalans, J1, bgs., shipt..ton.29.00 - —
J, bgs., shipt.....ton.20.50 - —
R2, bgs., shipt.....ton.20.00 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., works..100 lbs. 2.50 - 2.75
import., bgs., Atlantic ports, 100 lbs. 2.25 - 2.50
78 deg., dom., bgs., works, 100 lbs. 3.00 - 3.25
import, bgs., Atl. ports, 100 lbs. 2.75 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
jobbers, cs., same basis.. lb. .07¼- —
pkgs. (16 oz.), same basis. lb. .08 - —
(12 oz.) same basis..pkg. .06¼- —

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TWO NEW HIGH POTENCY VITAMIN B PRODUCTS

Designed for the Pharmaceutical Trade

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Potency

B_1—500 International Units per cc . . . RIBO FLAVINE—100 gamma per cc . . . B_6—Filtrate Factor (JUKES-LEPKOESKY) and other Natural complex factors present in significant amounts.

A thin bland tasting stable liquid for increasing the Vitamin B Complex content of new or established liquid formulas without perceptible alterations in existing standards.

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TYPE V POWDERED CONCENTRATE

Potency

B_1—1000 International Units per gr. . . . RIBO FLAVINE—300 gamma per gr. . . . B_6—Filtrate Factor and other Natural complex factors present in significant amounts.

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NEW YORK CITY
San Francisco, Cal. Emeryville, Cal.

Naphthalene, refined, chipped, crushed, bbls., same basis.lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .06 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07¼- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls. works lb .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls. lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works.....lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogeneus fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Fall shipt. dlvd. unit-ton. 2.40 - —
Chemical, Ill....unit-ton. 2.40 - —
East Coast producing points..unit-ton. 3.00 - 3.10
import., bgs., c.i.f. Atlantic ports, ship..unit-ton. 3.00 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. No prices
Chinese, shipmt., cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- .19¾
110s, bgs., cs.....lb. .17½- .17¾
West Indian, bgs.....lb. .13¾- .14
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .06¼- .07

O

Oakbark extract, 25% tan., bbls., c. l., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¼- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .13 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns....lb. .80 - .85
Amber, crude, cns.....lb. .16 - .17
refd., cns .....lb. .45 - .46
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. 1.45 Nom.
Apricot kernel, cns.....lb. .80 .81
Babassu, tanks, futures.....lb. .07½- .07¾
Bay, W. I., cns.....lb. 1.50 - 1.70
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.85 - 3.90
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectif'd., cns.....lb. .70 - .75
Bois de rose, Brazil, cans..lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .56 - .57
USP IX, cns.....lb. .71 - .88
Calamus, cns.....lb. 5.50 - 5.75
Camphor, sassafrassy, cns...lb. .22 - .23
dms. .....lb. .19 - .20
white, cns. .....lb. .21 - .22
dms. .....lb. .18 - .19
Cananga, native, cns.....lb. 1.75 - 2.25
rectified, cns.....lb. 3.00 - 3.25
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25
Cardamom, bots.....lb.20.00 -38.00
Cassia, USP, cns., dms.....lb. 1.25 Nom.
Castor, blown, one-way dms., c.l..lb. .12¾- —
l.c.l. .....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10¾- —
l.c.l. .....lb. .11¾- —
(5-gal.), l.c.l.....lb. .12¾- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¾- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l..lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09¾- —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (43% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08¾- —
75% (63% fat), dms., c.l..lb. .11¾- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12¾- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. 1.00 - 1.15
dms. .....lb. .95 - 1.10
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .24 - .26
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs. lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .23 Nom.
tanks .....lb. .23 Nom.
Cinnamon, Ceylon, bots.....lb. 8.00 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .44 - .46
dms. .....lb. .42 - .44
Java, dms.....lb. .50 - .52
Clove, makers, USP, cns....lb. 1.12 - —
dms. .....lb. 1.10 - —
Coconut, Manila, crude, Nov.-Dec., tanks..lb. .04¾- —
Pac. Cst.....lb. .04¾ Nom.
edible, 76°, tax incl., dms., (returnable), c.l...lb. .10¼- —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09¾- —
Cod, Newfoundland, tanked, bbls..gal. .52 Nom.
Norwegian, shipt., bbls...gal. .43 Nom.
Oil, codliver, med., USP, Norwegian, bbls..bbl.26.00 -27.00
Coriander, bots.....lb.24.00 -25.00
Corn, crude, tanks, works..lb. .06¾ Nom.
refd., bbls.....lb. .10 - .10¼
Cottonseed, dom., cooking, bbls. lb. .08½- —
salad, bbls.....lb. .08¾- —
import., Brazilian semi-refd. dms..lb. .04¾Nom.
British, semi-refd., dms..lb. .05¾Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.85 - 3.10
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import., cns.....lb.12.00 -12.25
Degras (see D)
Diesel, Bayonne, bulk.....bbl. 2.20 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 4.10 - 4.20
Dip (See D):—
Erigeron, cns.....lb. 1.75 - 1.80
Eucalyptus, cns.....lb. .45 - .54
dms. .....lb. .43 - .51
Fennel, sweet, cns.....lb. 1.20 - 1.30
Fuel, bunker, California, tide-water..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - 1.05
Louisiana - Arkansas, 10-14, bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.35 - 1.50
Tuesday .....bbl. 1.35 - 1.50
Wednesday .....bbl. 1.35 - 1.50
Thursday .....bbl. 1.35 - 1.50
Friday .....bbl. 1.35 - 1.50
Saturday .....bbl. 1.35 - 1.50
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test.....bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test...bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04½- .04¾
Furnace, Bayonne, 1, bulk, refinery..gal. .05 - —
2, bulk, same basis.....gal. .04⅞- .05⅛
3, bulk, same basis.....gal. .04⅞- .05⅛
4, bulk, same basis.....gal. .04⅝- .04⅞
Louisiana - Arkansas, 32 - 36, light straw..gal. .03⅞- .04
Oklahoma, 28-30.....gal. .03⅛- .03⅜
32-36 .....gal. .03⅛- .03⅜
36-38 .....gal. .03⅜- .03⅝
38-40, straw.....gal. .03⅜- .04
38-40 zero, 60 e.p.....gal. .03⅜- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04⅜- —
Gulf Coast, bulk.....gal. .03½- .03⅝
North Texas, bulk.....gal. .02⅞- .03
Oklahoma, bulk.....gal. .02⅞- .03⅛
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.00 - 4.75
Bourbon, cns.....lb. 3.75 - 4.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 2.20 - 3.00
Ginger, dist., bots.....lb. 8.00 - 8.50
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.25 - 3.35
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns....lb. 1.20 - 1.75
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .43 - .45
cns. .....lb. .48 - .50
Lard, common, 1, bbls.....lb. .10¾- —
2, bbls.....lb. .10½- —
extra, bbls.....lb. .12¾- —
1, bbls.....lb. .11 - —
headlight, burning, bbls....lb. .14 - —
prime, ed., bbls.....lb. .15 - —
ined., bbls.....lb. .14 - —
Lard, winter, strained, extra bbls..lb. .13 - —
prime, bbls.....lb. .13¼- —
Laurel, bots.....lb. 6.50 - 6.75
Lavandin, cns., 25 lbs.....lb. 2.70 - —
Lavender flower, French, USP, 50% ester, cns..lb. 6.00 - 7.50
U.S.P., 38-42% ester, cns.lb. 5.25 - 6.00
XI, 35% ester, cns....lb. 4.00 - 4.50
XI, 30% ester, cns....lb. 2.80 - 3.00
IX, 30% ester, cns...lb. 2.65 - 2.75
VIII, 30% ester, cns....lb. 2.25 - 2.35
garden, cns.....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.75 - —
Messina, coppers, cns.....lb. 2.90 - 3.50
Lemongrass, native, cns., dms., lb. .42 - .43
Lime, dist., cans.....lb. 5.75 - 6.25
expressed, cans.....lb. 9.00 - 9.50
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1140- —
l.c.l., 5 or more.....lb. .1180- —
less than 5.....lb. .1220- .1240
tanks .....lb. .1080- —
double boiled, bbls., less than 5..lbs. .1240- .1260
raw, bbls., c.l.....lb. .1100- —
l.c.l., 5 or more.....lb. .1140- —
less than 5.....lb. .1180- —
tanks .....lb. .1040- —
Lovage, bots.....lb.41.25 -72.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis. dms. ..gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 850, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .21 - —
15-25 pour, tanks..gal. .20 - —
150-160 D, 0-10 pour tanks..gal. .23 - —
15-25 pour, tanks..gal. .22½- —
150-160 E, 15-25 pour, tanks..gal. .22 - —
190-200 D, 15-25 pour, tanks..gal. .26 - —
200-210 E, 15-25 pour, tanks..gal. .25 - —
neutrals, 0-10 pour, vis., 3 color, tans..gal. .18 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks..gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn. bright, 600 cold test, 10-40 pour, tanks..gal. .22 - —
10-15 pour, tanks..gal. .23 - —
Oil, lubricating, at refinery, Penn. cylinder, 600 fire, tanks, gal. .14½- —
600 flash, tanks.....gal. .19 - —
630 flash, tanks.....gal. .23 - —
635 fire, tanks.....gal. .16 - —
650 fire, tanks.....gal. .18 - —
Warren, E, amber, tanks, gal. .19 - —
neutral, 150 vis., 3 color, tanks..gal. .24 - —
180 vis.,3 color,tanks.gal. .26 - —
200 vis.,2 color,tanks.gal. .28½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .32 - —
unfiltered, 600 s.r., bbls., f.a.s..gal. .28 - —
600 flash, s.r., bbls., c.l., gal. .30½- —
650 s.r., bbls., c.l., f.a.s., gal. .28 - —
Warren, E. bbls., c.l.,f.a.s. gal. .30 - —
smaller lots, f.o.b.gal. .32½- —
Mace, dist., cns., dms.....lb. 1.25 - 1.30
Mandarin, superior, coppers..lb. 8.10 - 8.25
Menhaden, crude, tanks, f.o.b. Balto..gal. .35 Nom.
refd., alkali, dms.....lb. .0800- —
tanks .....lb. .0740- —
blown, dms.....lb. .0800- —
kettle-bodied, dms.....lb. .0900- —
light pressed, dms.....lb. .0740- —
tanks .....lb. .0670- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP, cns...lb. 1.90 - 2.00
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....lb. .90 - .95
Neatsfoot, cold test, bbls....lb. .17¼- —
extra, bbls.....lb. .11¼- —
1, bbls.....lb. .11 - —
pure, bbls.....lb. .12¾- —
special, bbls.....lb. .13 - —
sulphonated, common, 25% moisture, dms..lb. .10¼- —
Neroli, bots.....lb.115.00 -140.00
Nutmeg, USP, cns., dms....lb. 1.25 - 1.30
Oiticica, dms.....lb. .17 Nom.
futures .....lb. .17 Nom.
Oleo, 1, bbls.....lb.13.00 - —
2, bbls. .....lb.12.25 - —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.30 -Nom.
edible, bbls.....gal. 2.40 Nom.
foots, bbls.....lb. .10¾ Nom.
sulphonated, 50% (43% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16½- —
l.c.l .....lb. .17 - —
Orange, sweet, dist., cs.....lb. .90 - —
expressed, African, cns., dms..lb. 1.75 - 1.80
Calif., cns.....lb. 2.50 - —
Florida, cns.....lb. 2.50 - 2.65
Messina, USP, coppers.lb. 2.75 - 3.50
West India, cns.....lb. 2.25 - 2.30
Origanum, Spanish, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .04½ Nom.
shipment .....lb. .04⅛ Nom.
softs, 12½%, bulk shipt....lb. .0390 Nom.
20%, bulk, shipt.....lb. .0380 Nom.
Sumatra, shipment, bulk...lb. .03⅞ Nom.
Palmarosa, cns.....lb. 2.90 - 3.00
Palmkernel, bulk, shipt....lb. .04¾ Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05¼- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 5.00 - 8.50
Peanut, crude, dom., tanks, works..lb. .06¾ Nom.
refd., edible, bbls.....lb. .10½ Nom.
Pennyroyal, dom., cns.....lb. 1.40 - 1.45
import, cns.....lb. 1.40 - 1.50
Peppermint, natural, cns., dms. lb. 2.40 - 2.65
redist., USP, cns, dms...lb. 2.60 - 2.85
Perilla, dms.....lb. .13¾Nom.
tanks .....lb. .13¼Nom.
Petitgrain, Paraguay, cns...lb. 1.10 - 1.25
Pimento berry, cns.....lb. 3.75 - 4.00
leaf, cns.....lb. 2.50 - 2.60
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .52 - .55
steam-dist., dms.....gal. .60 - —
tanks .....gal. .64 - —
Pineneedle, Siberian, cns....lb. 1.05 - 1.10
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14¼- .14½
denat., bbls.....gal. .95 - .96
Red, dist. or saponif., bbls., dlvd..lb. .10¾- .11¾
dms., dlvd.....lb. .10¼- .11¼
tanks dlvd.....lb. .09½- .10½
white, dms.....lb. .12¾- .13¾
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms., ...lb. .51 Nom.
Rosin, 1st, rectfd., dms....gal. .58 - .60
2d rectfd , dms.....gal. .60 - .62
3d rectfd., dms.....gal. .64 - .66
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.65 - 1.70
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns.....lb. 5.25 - 5.50
Sardine, crude, tanks, Pac. Cst., gal. .36 Nom.
refd., alkali, dms.....lb. .0800- —
tanks .....lb. .0740- —
kettle-bodied, dms.....lb. .0900- —
light, pressed, dms.....lb. .0740- —
tanks .....lb. .0670- —
Sassafras, artif., cns.....lb. .41 - .42
dms. .....lb. .39 - .40
natural, cns., dms.....lb. .90 - 1.05
Savin, cns.....lb. 1.50 - 1.60
Savory, cns .....lb. 3.15 - 3.20
Sesame, dom., refd., white, dms. lb. .10½Nom.
Shingle stain, bbls., c.l., works, gal. .18 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb.10.00 -11.00
Soybean, dom., crude, dms...lb. .0810- .0850
tanks .....lb. .0750- —
refd., dms.....lb. .0910- .0950
tanks .....lb. .0850- —
Spearmint, USP, cns.....lb. 1.80 - 1.85
Sperm, bleach, 38°, dms...lb. .1000- .1020
45°, dms .....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cans.....lb. 1.05 - 1.10
Sweet birch, North, cns.....lb. 3.25 - 3.50
South, cns.....lb. 1.65 - 2.00
Tallow, acidless, bbls.....lb. .10¾- —
tanks .....lb. .10¼- —
Tansy, cns.....lb. 3.75 - 4.00
Tar, com'l, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd. E. ports..gal. .50 - —

Naphthalene—Paratoluene

Oil, tar acid (see T).
Teaseed, crude, dms.....lb. .09¼- .09½
Thyme, NF, red, dms.....lb. .90 - 1.50
white, dms .....lb. .78 - 1.70
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.25 - 5.00
Valerian, bots.....lb.12.00 -14.00
Vetiver, bots.....lb. 6.00 -16.50
Walnut, crude, dms.....lb. .13 - —
refd., dms.....lb. .14¼- —
Whale, refd., natural, dms..lb. .0940- .0960
winter, bleach, dms.....lb. .0980- .1000
Wheat germ, cns., dms....gal.27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
USP, 80-90 vis., dms..gal. .54 - .56
95-105 vis., dms.....gal. .63 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- .87½
335-345 vis., dms.....gal. .87 - .89
Russian, 80-90 vis., dms., gal. .54 - —
145-155 vis., dms.....gal. .74½- —
175-185 vis., dms.....gal. .76½- —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.70 - 2.75
Wormwood, cns.....lb. 2.65 - 2.75
Ylang-ylang, Bourb., bots., cns., lb. 3.50 - 6.00
Manila, bots. .....lb.18.00 -24.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, Lake, Persian, bbls..lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .11¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. .....lb. .12¼- —
Colo., Mont., N.M., Wyo. lb. .12 - —
Other points.....lb. .11½- —
smaller lots, dlvd. Ala., etc..lb. .12¼- —
Ariz., etc.....lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
Other points.....lb. .12 - —
French, Tours, csks., ex dock, lb. .17 - —
kgs., ex dock.....lb. .18½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .35 - .40
Orange peel, bitter, bls.....lb. .08 - .09
Sweet, bls.....lb. .10 - .11
Orris root, Florentine, bgs....lb. .08 - .09
fingers, cs.....lb. .90 - .95
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs., cs.....lb. .11 - .12
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroaniline, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .35 - .75
Orthocresol, dms., c.l., works..lb. .13½- —
l.c.l., same basis.....lb. .14¼- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., dms., same basis...lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .28 - .29
Orthonitroparachlorophenol, cns.lb. .70 - .75
Orthonitrotoluene, dms.....lb. .07 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14 - —
Osage orange extract, cryst., bbls., lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.60 - 1.65
Paprika, Hungarian, extra fancy, bgs..lb. .21 - .21½
medium, bgs.....lb. .20½- .21
Spanish, extra fancy, cs....lb. .26 - .26½
fair, bgs.....lb. .22½- .23
fancy, bgs.....lb. .25½- .26
medium, bgs.....lb. .24 - .24½
Para-aminoacetanilide, kgs....lb. .85 Nom.
Para-amylphenol, tertiary, dms., c.l.,works..lb. .26 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kgs .....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .03 - —
bbls., c.l., N. Y....lb. .0295- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .03¼- —
bbls., c.l., N. Y....lb. .0295- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¾ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0465- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04¾- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s., N. Y..lb. .05 - —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0515- —
133-135 A.m.p., bgs., c.l..lb. .0555- —
export, f.a.s., N. Y..lb. .05¾- —
135-137 A.m.p., bgs., c.l..lb. .0580- —
export, f.a.s., N. Y..lb. .06 - —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 116-112 bbls., c.l..lb. .03¼- —
semirfd., solid, 122-124 A.m.p., bgs..lb. .03¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelbpia, or N. Y. C..lb. .24 - —
100 to 900 lb. shipments, same basis..lb. .25 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroanilin, kgs., c.l., works. lb. .45 - —
l.c.l., works.....lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75

Paratoluidin—Petrol.

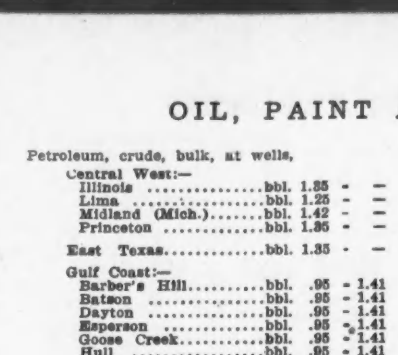
Paratoluidin, bbls.	lb.	.56	—
Pareira brava root, bls.	lb.	.15	.16
Paris green, dealer, dms., kgs., c.l., f.o.b. N. Y., frt. all'd E. of Cleve.	lb.	.22	.24
less car lot, same basis.	lb.	.23	.25
Passion flower herb, bls.	lb.	.06½	.07
Patchouli leaves, bls.	lb.	.14	.15
Pellitory root, bls.	lb.	.18	.20
Pennyroyal, bls.	lb.	.14	.15
Pentane, norm., 28-38°, dms., c.l., G.3.	gal.	.12½	—
l.c.l., G.3	gal.	.16	—
tanks, G.3	gal.	.08½	—
laboratory grade, dms., c.l., G.3.	gal.	.16	—
l.c.l., G.3	gal.	.25	—
Pepper, black, Alleppy, bgs.	lb.	.03½	.03¾
Lampong, bgs.	lb.	.06½	.06¼
Tellicherry, bgs.	lb.	.10	.10½
Red, birdseye, bgs.	lb.	.15	Nom.
Japanese 1, bgs.	lb.	.13¾	.14
Mombassa, bgs.	lb.	.18	.18¼
White, Java, Muntok, bgs.	lb.	.09½	.10
Singapore, Muntok, bgs.	lb.	.09¼	.09½
Peppermint leaves, dom., bls.	lb.	.32	.33
import, bls.	lb.	.40	.42
Peru balsam, dms.	lb.	1.00	1.05
Petrolatum, amber, bbls., c.l.,	lb.	.02¾	.03
l.c.l.	lb.	.04	.04¼
extra, bbls.	lb.	.03½	.03¾
l.c.l.	lb.	.04¼	.04½
cream (see white, cream)			
green (see red)			
red, veterinary, bbls., c.l.	lb.	.02¾	.02⅞
l.c.l.	lb.	.03⅜	—
white, cream, bbls., c.l.	lb.	.05	.05¼
l.c.l.	lb.	.06⅜	—
lily, bbls., c.l.	lb.	.06	.06¼
l.c.l.	lb.	.07⅜	—
snow, bbls., c.l.	lb.	.07	.07¼
l.c.l.	lb.	.08⅜	—

Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	.95
Athens	bbl.	.84	1.66
Belridge	bbl.	.70	1.32
Buena Vista Hills	bbl.	.70	1.38
Coalinga	bbl.	.70	.90
Coyote Hills (West)	bbl.	.78	1.52
Dominguez	bbl.	.79	1.00
East Coyote	bbl.	.76	.96
Elk Hills	bbl.	.70	1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28	1.43
Huntington Beach	bbl.	.78	1.22
Inglewood	bbl.	.79	1.27
Kern Front	bbl.	.70	—
Kern River	bbl.	.70	—
Kettleman Hills	bbl.	1.19	1.43
La Habra	bbl.	.76	.96
Lakeview	bbl.	.70	1.38
Lost Hills	bbl.	.70	1.32
McKittrick	bbl.	.70	—
Midway - Sunset (except Lakeview)	bbl.	.70	1.38
Montebello	bbl.	.77	1.43
Mt Poso	bbl.	.70	—
Mountain View	bbl.	.70	1.20
Newhall	bbl.	.70	—
Olinda Brea	bbl.	.76	1.27
Orcutt	bbl.	.70	.93
Playa del Rey, f.o.b. pipe-line	bbl.	.80	1.16
Richfield	bbl.	.76	1.09
Rosecrans	bbl.	.84	1.66
Round Mt.	bbl.	.70	—
Santa Fe Springs	bbl.	.78	1.42
Santa Paula	bbl.	.70	1.01
Seal Beach	bbl.	.79	1.19
Signal Hill	bbl.	.80	1.21
Torrence	bbl.	.80	1.05
Wheeler Ridge	bbl.	.70	.83
Whittier	bbl.	.76	.96
Canada:—			
Oil Springs	bbl.	2.17	—
Petrolia	bbl.	2.10	—

Petroleum, crude, bulk, at wells,			
Central West:—			
Illinois	bbl.	1.35	—
Lima	bbl.	1.25	—
Midland (Mich.)	bbl.	1.42	—
Princeton	bbl.	1.35	—
East Texas	bbl.	1.35	—
Gulf Coast:—			
Barber's Hill	bbl.	.95	1.41
Batson	bbl.	.95	1.41
Dayton	bbl.	.95	1.41
Esperson	bbl.	.95	1.41
Goose Creek	bbl.	.95	1.41
Hull	bbl.	.95	1.41
Humble	bbl.	.90	1.41
Liberty	bbl.	.90	1.41
Markham	bbl.	.90	1.29
Orange	bbl.	.95	1.41
Pettus	bbl.	1.37	—
Pierce Junction	bbl.	.95	1.41
Refugio (incl. Greta, Taft, Saxet).	bbl.	1.01	1.17
Saratoga	bbl.	.95	1.41
Sour Lake	bbl.	.90	1.41
Spindle Top	bbl.	.95	1.41
Sugarland	bbl.	.95	1.41
West Columbia	bbl.	.95	1.41
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.42	—
Kentucky river	bbl.	1.50	—
Western Kentucky (Owensboro).	bbl.	1.40	—
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.90	1.22
Caddo	bbl.	.90	1.22
Cameron Meadows	bbl.	.90	1.30
Choctaw	bbl.	.90	1.30
Cotton Valley	bbl.	.90	1.22
Darrow	bbl.	.90	1.30
De Soto	bbl.	.90	1.22
El Dorado	bbl.	.90	1.22
Haynesville	bbl.	.90	1.22
Homer	bbl.	.90	1.22
Iowa	bbl.	.90	1.30
Lockport	bbl.	.90	1.30
Miller County	bbl.	.90	1.22

Petroleum, crude, bulk, at wells, Louisiana, Arkansas,			
Pine Island	bbl.	.90	1.22
Rainbow	bbl.	.90	1.22
Rodessa	bbl.	.90	1.22
Smackover	bbl.	.90	—
Tepetate	bbl.	1.24	—
Urania	bbl.	1.02	—
Mexico, f.o.b. terminals Mexican ports—based on contract:—			
Panuco	bbl.	1.05	—
Tax, 16.048c. per bbl.			
Tuxpan	bbl.	No Prices.	
Tax, 26.047c. per bbl.			
Midcontinent:—			
North Texas	bbl.	.96	1.20
Oklahoma-Kansas	bbl.	.98	1.30
Altus, Tipton (Okla.),	bbl.	.96	1.20
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.60	—
Corning	bbl.	1.27	—
Pennsylvania grade, in Buckeye lines.	bbl.	2.10	—
Eureka lines.	bbl.	2.25	—
N. Y. Transit lines.	bbl.	2.60	—
S.W. Penn. lines.	bbl.	2.30	—
lower district in National Transit lines.	bbl.	2.55	2.60
Rocky Mountain:—			
Big Muddy	bbl.	1.18	1.38
Cannon City-Florence.	bbl.	1.10	—
Cat Creek	bbl.	1.40	—
Dutton Creek	bbl.	1.06	1.30
Elk Basin	bbl.	1.30	—
Fort Collins-Wellington...	bbl.	1.01	1.28
Frannie, light	bbl.	.82	—
Grass Creek	bbl.	1.30	—
Greybull	bbl.	1.30	—
Iles	bbl.	1.12	1.18
Lance Creek	bbl.	.97	—
Midway	bbl.	1.06	1.30
Rock Creek	bbl.	1.20½	—
Salt Creek	bbl.	1.06	1.30
Sunburst	bbl.	1.20	—
Torchlight	bbl.	1.30	—
South, Central and Southwestern Texas:—			
Cass County	bbl.	.98	1.28
Cleveland-Liberty	bbl.	1.27	—
Conroe	bbl.	1.20	1.44
Darst Creek	bbl.	1.09	—
Hardin-Liberty	bbl.	1.15	—
Luling	bbl.	1.00	—
Lytton Springs	bbl.	1.12	—
Mirando (incl. Duval)	bbl.	.96	1.36
Panola County	bbl.	.93	1.25
Salt Flat	bbl.	1.09	—
Tomball	bbl.	1.20	1.44
Van	bbl.	1.10	—
Texas Panhandle:—			
Carson-Hutchinson counties,	bbl.	.91	1.03
Gray County	bbl.	.96	1.08
West Texas:—			
Artesia, N. M.	bbl.	.90	—
Crane	bbl.	.78	1.08
Crockett	bbl.	.78	1.08
Ector	bbl.	.78	1.08
Glasscock	bbl.	.78	1.08
Hogback	bbl.	1.33	—
Howard	bbl.	.78	1.08
Jackson, N. M.	bbl.	.90	—
Lea, N. M.	bbl.	.78	1.08
Maljamar, N. M.	bbl.	.90	—
Mitchell	bbl.	.78	1.08
Pecos	bbl.	.91	—
Upton	bbl.	.78	1.08
Winkler	bbl.	.78	1.08
Ether, 30-60°, dms., c.l., G. 3.	gal.	.14	—
l.c.l., G.3	gal.	.17	—
tanks, G.3	gal.	.13	—
55-60°, dms., l.c.l., G.3.	gal.	.35	—
40-75° dms., c.l., G.3.	gal.	.14	—
l.c.l., G.3	gal.	.16	—
tanks, G3	gal.	.13	—
laboratory grade, dms., c.l., G.3.	gal.	.16	—
c.l., G.3	gal.	.25	—
10-gal. lots, G.3.	gal.	.50	—
Lacquer, diluent, at refinery:—			
California 60,169 i.b.p., 263 e.p., tanks, delvd. Los Angeles.	gal.	.11	—
San Francisco.	gal.	.11½	—
f.o.b. Richmond.	gal.	.11½	—
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.12	—
East Coast, tanks.	gal.	.12	.12½
Group 3, tanks.	gal.	.08⅜	.08¾
Naphtha, cleaners, at refinery:—			
East Coast, tanks.	gal.	.10	—
Group 3, tanks.	gal.	.07⅜	.07¾
tankwagon, Boston, ex-tax,	gal.	.13	—
Bridgeport	gal.	.12½	—
Chicago, inc. 4c. tax.	gal.	.171	—
Decatur, inc. 4c. tax.	gal.	.19	—
Des Moines, inc. 4c. tax.	gal.	.188	—
Evansville, inc. ex tax.	gal.	.14½	.15½
Milwaukee, inc. 5c. tax,	gal.	.203	—
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.204	—
Newark, ex tax.	gal.	.12	—
New York, ex tax.	gal.	.12	—
Omaha, ex tax.	gal.	.144	.154
Oklahoma City, ex tax.	gal.	.16	—
Philadelphia, ex tax.	gal.	.11½	—
St. Louis, inc. 1c. tax.	gal.	.157	—
Syracuse, 150 gals.	gal.	.14	—
smaller lots, galv. drums.	gal.	.16	—
milk cans.	gal.	.21	—
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.	gal.	.18	—
2, over 90% arom., same basis.	gal.	.21	—
3, tanks, f.o.b. Bayway.	gal.	.16	—
8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17	—
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.	gal.	.16¾	—
30, same basis.	gal.	.18¼	.19
40, same basis.	gal.	.14½	.15½
V. m. & p., at refinery:—			
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo.	gal.	.11	—
Richmond	gal.	.11½	—
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12	—
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles.	gal.	.10	—
San Francisco.	gal.	.10½	—
Portland, Seattle.	gal.	.11	—
East Coast, tanks.	gal.	.11	—
Group 3, tanks.	gal.	.07⅜	.07⅞
tankwagon, Boston, ex tax	gal.	.13	.14
Chicago, inc. 4c. tax.	gal.	.161	—
Decatur, inc. 4c. tax.	gal.	.19	—
Des Moines, inc. 4c. tax.	gal.	.188	—
Evansville, Ind., ex tax.	gal.	.147	.157
Milwaukee, inc. 5c. tax.	gal.	.203	—
Minneapolis-St. Paul, inc. 4c. tax.	gal.	.204	—
Newark, ex tax.	gal.	.13½	—
New York, ex tax.	gal.	.12	—
Omaha, ex tax.	gal.	.144	.154
Philadelphia, ex tax.	gal.	.12½	—
St. Louis, inc. 1c. tax.	gal.	.157	—

"Even if You're Buying on Price *BE SURE TO GET Skellysolve Quotations* and Skellysolve Dependability"



A. ERNEST MACGEE

Manager Skellysolve Division, Skelly Oil Company

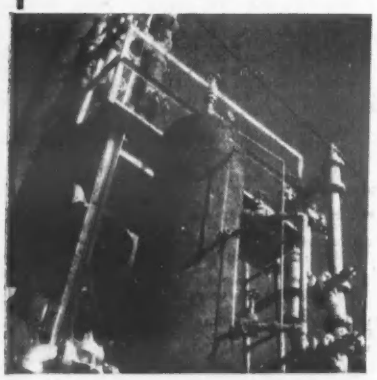
As the pioneers in large-scale production of extra-quality petroleum solvents, Skelly can give you any type of naphtha at any price.

And back of it will be all of Skelly's *proved dependability*. Dependability of raw materials that will be available for years to come. Dependability of manufacture which assures you that each shipment you get will be exactly like the one before.

Dependability of prompt delivery, always.

Don't let us fool ourselves in this matter of price. You know and we know, that in the end you get just about what you pay for. We can manufacture to a price as well as anyone. But, our regular and made-to-specification Skellysolves are priced just as fairly by us to you as we know how.

So if you are ever tempted by "price-cutting" let's talk it over first and work out a product and a service that you *know* you can depend on.



One of Skelly's natural gasoline plants at Lyman, Oklahoma, that insure an uninterrupted supply for years to come.

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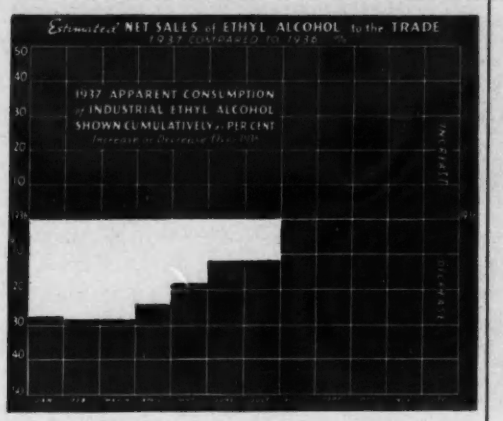
SOLVENT NEWS

Reg. U. S. Pat. Off.

OCTOBER ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1937



Apparent consumption of industrial ethyl alcohol from Jan. 1 to July 31, 1937, was 29,895,000 wine gallons. This is 11.3 per cent less than during the same period in 1936 when 33,675,000 wine gallons were consumed.

Advise Earmarked Paint To Combat Substitution

Urging that paint manufacturers take measures to protect themselves against "borderline" complaint cases where there is often serious difficulty in establishing the identity of a given paint, a foreign paint chemist has come forward with the suggestion that they earmark their products so that, even after a lapse of months, simple tests on the paint film itself will enable positive identification to be made.

His method is to add small, non-interfering amounts of characteristic substances which can be detected quantitatively by simple chemical analysis or physical examination.

Red Lead Paint

A metal protective paint composed of iron oxide, red lead, inerts and vehicles might, he declares, be so identified by adding to the product a definite amount of alcohol soluble red dyestuff.

Similarly, he explains, a varnish can be identified if it is formulated with 0.1% of strontium oleate dissolved in the thinner.

For white enamels he suggests the addition of 1% of an inert which would not ordinarily be found there as an impurity.

Farmers Borrow Lacquer Solvent for Poison Bait

KANSAS CITY, Mo.—A chemical hitherto known chiefly as a lacquer solvent has been a major accessory weapon in the recent war against grasshoppers on western plains, reports from here disclose.

The chemical is a technical grade of amyl acetate manufactured by the U. S. Industrial Chemical Co., Inc. It is incorporated in various types of poison bait, where because of its characteristic odor, it acts as a lure for the pests migrating in search of food from mountain states to the great grain-growing states.

This year's invasion of grasshoppers, which beleaguered farmers characterized as "the worst in history," has been combatted on a more extended scale than in previous years because of the increased governmental funds available.

Vast New Possibilities for Shellac Strengthen Old Industry's Position

Research on Pure Lac Resin, Sulphited Lac, Accelerators and New Molding Techniques Yield Far-Reaching Results

Watch shellac! That in effect summarizes world interest in recent developments of an industry revitalized by vigorous research. For this research has repudiated emphatically any lingering ideas that shellac has had its full possibilities explored.

An indication of the important developments to come is contained in first tests on pure lac resin—a material present in wax-free lac in amounts ranging from 70-85% and which has been isolated by means of its characteristic insolubility in ether.

When and if production of pure lac reaches commercial stature—and the objective now seems within reach—the possible consequences are great. Pure lac, chemists point out, has softening and melting points of about 84° C. and 95° C. respectively as compared with 64° and 72° for the original shellac.

In experiments on electrical wire enamels, fruit and vegetable can lining lacquers, and foil lacquers, this pure lac showed great adhesion to metals as well as superior hardness and flexibility. In some experiments it exhibited low solvent retentivity and increased water resistance. Tests in plastic mouldings demonstrate that it hardens more rapidly than ordinary lac.

Equal interest is now centered in sulphited lac, produced when shellac is dispersed in sulphurous acid, alkali sulphite or bisulphite. Under certain processes it is stated that sulphited lac may be "salted out" from its dispersions, air-dried and, if stabilized properly, retain its solu-

(*Continued on next page*)

Print and Wax Paper In Less Time With New Ink

NEW YORK, N. Y.—Under a new process, paper printed with special nitrocellulose ink and dipped into molten paraffine emerges in an incredibly short time with the ink "set" so that it is non-smudging.

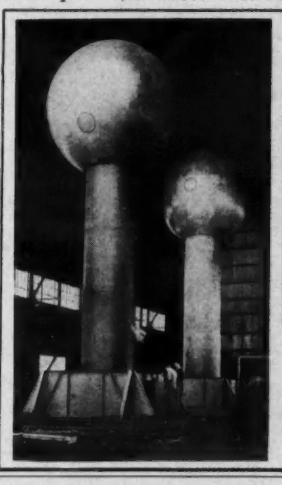
The key to the process, according to the patent issued to a chemist in this city, is a nitrocellulose solvent having (1) a vapor pressure low enough to keep the ink from drying on the press and (2) miscibility with paraffine.

Dimethyl phthalate is mentioned as a specific example.

Dipping the sheet into wax (a non-solvent for nitrocellulose), the patentee explains, dilutes the dimethyl phthalate to such degree that the nitrocellulose is instantly precipitateed as a hard, adhesive, non-smearing film which binds the ink pigment to the sheet.

The inventor declares that this method of printing might be used in other coating processes and for printing cardboard, transparent cellulose sheeting, diaphane, etc.

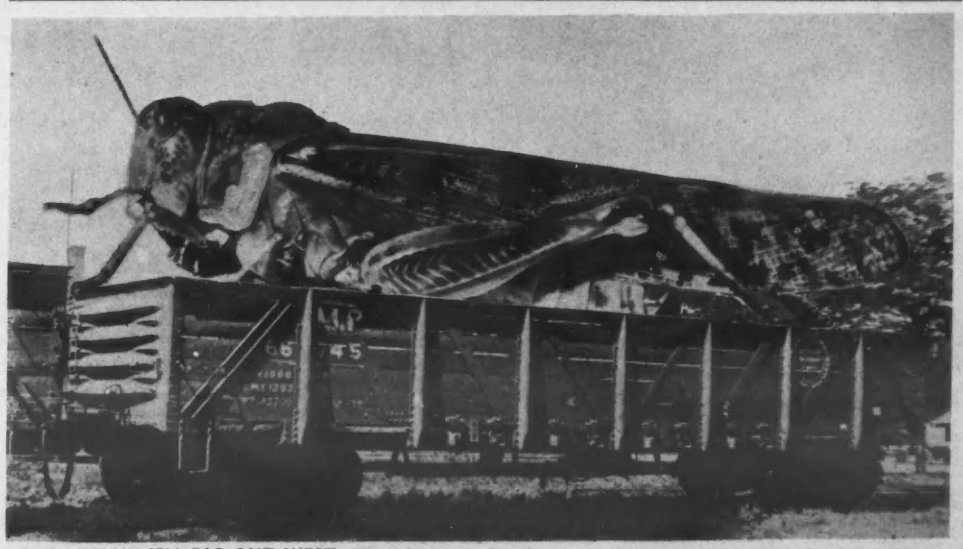
An emulsion of oil lacquer in water may be produced by dissolving the lacquer in ethyl ether and absolute alcohol and treating this solution with water, according to a recent patent.



7,000,000 VOLTS

(Left) — Shellac - impregnated paper tubes support and insulate aluminum balls under 7,000,000 volts potential at M. I. T.

Courtesy William Zinsser & Co.



THEY GROW 'EM BIG OUT WEST. The photographer in a prankish mood created this monster to show how grasshoppers look to a farmer having nightmares. Amyl Acetate is used in the war against these pests. (See story at left.)

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OCTOBER ★ **SOLVENT NEWS** ★ 1937

Slower Wall Drying With Butyl Alcohol Aids Mural Artists

MEXICO CITY, Mex.—The dream of mural artists in all ages—a preparation that will retard the rapid drying of walls and thus permit an artist to work for longer periods in perfecting his scenes—has at last been realized, a report from this citadel of modern mural art states.

A mixture of butyl alcohol and water is sprayed on the wall every three or four hours, day and night.

Walls so treated can be kept wet, it is said, for working and reworking up to 56 hours instead of the former limit of 18 to 23 hours, with the result that colors applied at any time during this period are absorbed uniformly.

Vast New Possibilities For Shellac Predicted

(*Continued from previous page*)

bility in water over a considerable period.

Sulphited lac, chemists feel, may give shellac an important entry into the field of emulsion paints, emulsion lacquers and baking emulsions which are rapidly increasing in importance.

One authority says that in the plastics field "the use of sulphited lac in the production of moulding powders is almost equivalent to the discovery of a new resinous material" because this type of shellac is in an advanced stage of polymerization. It does not melt as ordinary lac and consequently has considerable capacity for heat resistance without being subjected to after-cure treatment.

In Plastics

Finding that certain chemicals (urea, thiourea, hexamethylene tetramine and others) act as accelerators or hasten the cure of shellac, observers agree that shellac is bound to consolidate its already important position in the plastics field, which is now estimated to take 40% of the shellac output for phonograph records and further large quantities for electrical equipment, grinding wheels, mica-plate manufacture, etc.

In fact, developments with shellac as a plastic have progressed along many lines. Compositions have been obtained which it is said will stand temperatures up to 550° F. without appreciable warping and which can be drawn hot from the mold. New techniques in moulding and the incorporation of other plastic materials have brought about equally notable advances in the manufacture of shellac insulators.

DISSOLVE SHELLAC

Not a new development, but assuming greater importance, is the use of anhydrous alcohol and anhydrous Solox with shellac.

Many manufacturers formulating shellac with nitrocellulose and resins for waterproof varnishes like the blending features of the anhydrous solvents.

Anhydrous Solox, U.S.I.'s proprietary solvent, has a mild, unobjectionable odor and is a stronger solvent than ordinary denatured alcohol. A leaflet explaining the advantages of Solox may be obtained from U.S.I.

Solox Cleans Watches Better, Says Jeweler

TAMPA, Fla.—Further demonstration of the advantages of Solox over ordinary denatured alcohol was made recently when a local watchmaker used U. S. I.'s proprietary solvent for cleaning watches and jewelry. After many tests, this experimenter reports, "Solox has more cleansing and evaporative qualities than ethyl alcohol with less tendency to rust and corrode. The presence of ethyl acetate . . . assists in dissolving old oils and greases. Solox does not have the offensive odor of other commercial alcohols. It is also . . . very satisfactory for the jeweler's alcohol lamp."

Super Pyro In Tractor Tires

Super Pyro, U.S.I.'s popular-priced, premium quality anti-freeze is now being used in tractor tires. Farmers like to break up their ground before the final thaw by running heavy tractors over it. Added weight is secured by filling the tires with water. To prevent this water from freezing a 50-50 mixture of Super Pyro is used.

Asphalt dissolved in Amyl Acetate makes a suitable ink for marking pyroxylin plastics according to a recent circular of the National Bureau of Standards. The solution may be applied with an ordinary pen it is stated.

TECHNICAL DEVELOPMENTS

For further information write to U.S.I.

For protecting wood construction against decay and attacks by termites and other insects, a new wood preserver was recently announced. The material is said to be insoluble in water and to have a high boiling point, making for longer protection. **(No. 21)**

U S I

A new thickening and emulsifying agent in the form of a white, wax-like solid—soluble hot in alcohols, oils and organic solvents—is said to give slightly acid solutions when dispersed in water. It also has uses as a lubricant and as a suspending agent, says the manufacturer. **(No. 22)**

U S I

A new textile printing lacquer is said to combine washability, unusual flexibility and adhesion. It is easily applied to rayon, acetate silk, crepe rayon, oiled silk or pliofilm, according to the manufacturer. Various colors are available. **(No. 23)**

U S I

Flameproofing material for textiles, paper, leather, etc., recently developed, will not injure or change the appearance of any fabric not harmed by plain water, according to the manufacturer. Applied by dipping or spraying, without special equipment, the material is said to be tenacious, invisible and effective. **(No. 24)**

U S I

A new enamel for concrete is said to overcome disadvantages of oil base enamels, especially where moisture is present. Made from a pliolite base, the enamel is not affected by lime salts or other minerals in the concrete. The manufacturer also claims that it protects against concrete dusting and dries with a high permanent gloss. **(No. 25)**

U S I

A plastic sealing material for cold-storage cabinets is now on the market. It is said that the material can be extruded into small beads and ribbons at 0 deg. F., is non-oxidizing, odor-free and will not melt at 350 deg. F. **(No. 26)**

U S I

Synthetic gum in liquid form, which can be applied cold by brushing, spraying or dipping, was announced recently. It is said to withstand the action of hot or cold acids (nitric excepted) or alkalies. Suggested uses are on laboratory tables, fans handling corrosive fumes, plating racks, etc. **(No. 27)**

U S I

Particle size distribution of fine dry powdered materials can now be analyzed according to the manufacturer of a new roller particle size analyzer. Applicable to most materials finer than 200 mesh and greater than colloidal, the analyzer is said to give fractions as small as 0 to 5 or 0 to 3 microns conveniently. **(No. 28)**

U S I

Stronger seams in rayon are said to result from a new finish on the market. The finish is reported to lock and set yarns, giving the fabric additional strength that holds fast at the seams. Repeated dry cleanings are said to have relatively no effect. **(No. 29)**

U.S.I. INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO., INC.

WORLD'S LARGEST PRODUCERS OF ALCOHOL DERIVED SOLVENTS

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AMYL ALCOHOLS
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Absolute—Pure
C.P. 96%—Pure and Denatured
Pure (190 Proof)—Taxpaid, Tax Free

*SOLOX—The General Solvent
*SUPER PYRO—The premium Quality Anti-freeze

BUTYL ALCOHOLS
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95%, 97% and Pure
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ETHYL ETHER
U.S.P. and Absolute (A.C.S.)

COLLODIONS
U.S.P., U.S.P. Flexible and Photo
NITROCELLULOSE SOLUTIONS

DIAMYL PHTHALATE
DIBUTYL PHTHALATE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE

ACETIC ETHER
AMYL ACETATES
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Technical Secondary
BUTYL ACETATES
Normal and Secondary
***DIATOL**
DIETHYL CARBONATE

ETHYL ACETATES
85-88%, 95-98%, 99% and U.S.P

ETHYL LACTATE
ISOPROPYL ACETATE
AMYL PROPIONATE
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ACETOACETANILID
ACETOACET-O-CHLORANILID
ACETOACET-O-TOLUIDID
ETHYL ACETOACETATE
SODIUM ETHYL OXALACETATE
PARACHLOR-O-NITRANILINE

ACETONE
DIBUTYL OXALATE
DIETHYL OXALATE
ETHYL CHLORCARBONATE
ETHYLENE
URETHANE

***CURBAY**
POTASH BY-PRODUCTS

*Trade-mark registered

Petroleum, solvent, rubber, at refinery, East Coast, tanks..gal. .10 - —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .07⅜- .07⅞
standard, 180 i.b.p., 288 e.p., tanks, gal. .07⅜- .07⅞
Stoddard (CS 3-28), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅞- .07⅜
tankwagon, Boston, ex tax, gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .155 - —
Decatur, inc. 4c. tax..gal. .18 - —
Des Moines, inc. 4c.tax.gal. .178 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 6c. tax, gal. .193 - —
Minneapolis - St. Paul, inc. 5c. tax..gal. .18 - —
Newark, ex tax.....gal. .11½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .11½- —
Omaha .....gal. .131 - .141
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c .tax.gal. .146 - —
Tulsa, ex tax.....gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash....gal. .15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- .10
Group 3, tanks.....gal. .06⅝- .06⅞
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .15½
Boston .....gal. .12½- .13½
Bound Brook, North Amboy, N. J. .....gal. .11½- .13½
Bridgeport, Conn. ....gal. .13 - —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .115 - .135
Chicago .....gal. .158 - —
Decatur, Ill. .....gal. .18 - —
Des Moines .....gal. .178 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .193 - —
Minneapolis-St. Paul..gal. .194 - —
Newark .....gal. .10½- .11
New York (200 gals.).gal. .11 - —
smaller lots.....gal. .11½- .12
Omaha .....gal. .131 - .141
Philadelphia .....gal. .115 - .135
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .12 - .16
St. Louis.....gal. .147 - —
Syracuse .....gal. .14 - —
Trenton .....gal. .11½- .14
Wilmington, Del.....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15¼- .16¼
under 1,000 lbs.....lb. .16¼- .17¼
tanks, works.....lb. .13½- —
Phenolphthalein, USP, bbls.,dms. 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots. lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetadehyde, bots.....lb. 2.25 - 8.50
Dimethylacetate, cns.....lb. 14.50 -15.00
Phenylethylphenyl acetate, bots., lb. 15.50 -16.00
Phenylhydrazine base, CP, bots. lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works....lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins,works.lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.85 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.85 - —
75% basis, 74% min., bulk, mines..long ton. 3.85 - —
Tenn., 72%, bulk, mines.. long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .24 - .30
Oxychloride, cyls.....lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14¼- —
l.c.l., same basis..... lb. .15¼- —
Picbi leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vis..oz. 2.50 - 2.75
Nitrate, bots., vis.....oz. 2.40 - 2.65
Pimento, bgs.....lb. .14½- .15
Pinkroot, bls.....lb. .45 - .46
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. ....ton. 22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton. 23.75 -24.00
Linseed, dms.....lb. .04¾- .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls..... bbl. 6.00 - 6.50
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .13
Podophyllin, dms.....lb. 4.30 - 4.35
Poke root, bls.....lb. .07½- .08
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .50 - .55
Seed, Dutch, bgs.....lb. .09½- .09¾
Polish, bgs.....lb. .07⅞ Nom.
Potash acetate, USP, bbls., 250 lbs..lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
gran., bbls., 250 lbs.....lb. .18 - —
kgs., 100 lbs.....lb. .20 - —

Potash, bichromate spot, c.l., works..lb. .08⅜- —
6 casks or 10 bbls., or over, works..lb. .08¾- —
5 casks or 9 bbls., or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Bromide, USP., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd....lb. .02⅞- —
l.c.l., 10 dms. or over..lb. .03¼- —
less than 10 dms....lb. .03½- —
tanks, dlvd.....lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. .07 - .07½
liquid, 45% basis, dms....lb. .03½- .03½
tanks .....lb. .02⅞- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, csks.....lb. .06¼- .06⅝
Chlorate, cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .08¾
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .19 - .28

Potash, citrate, USP, gran., bbls., 250 lbs..lb. .84 - —
kgs, 100 lbs.....lb. .35 - —
cns., 50 lbs.....lb. .36 - —
cns., 25 lbs.....lb. .38 - .39
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs..lb. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs..lb. .30 - —
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bbls., bots., 5 lbs....lb. 3.17 - —
cns., 25 lbs.....lb. 3.05 - —
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms. .....lb. .95 - .96
Kainit, 20% K_2O, bulk, c.l.f., ports..ton. 12.75 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports, unit-ton. .58½- —
import., 30%, K_2O,bulk,shipt. unit-ton. .58½- —
Metabisulphite, kgs.....lb. .13 - .15
Muriate, dom., all strengths, min. 50% K_2O, bulk... unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .53½- —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26

Petrol. Solvent—Pumice

Potash, perchlorate, kgs., works lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs.lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton. 38.00 - —
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton. 25.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .12 - .13
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .22 - .26
Propane, tanks, G.3.....gal. .03 - .04¼
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .19
Pumice stone, Italian,Amer,-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works..lb. .04½- —

. CAREFULLY PLANNED SCHEDULES

● Carefully planned production schedules depend not only on the quality of the raw materials used but also the efficiency with which they are serviced. Niagara's modern, large-scale producing facilities and highly systematized delivery service will help you keep your schedules on an up-to-the-minute basis. If you need experienced technical cooperation, let Niagara meet your requirements for

CARBONATE OF POTASH

CAUSTIC POTASH

CAUSTIC SODA

NIAGARA ELECTRO COMPANY

Niagara KALI COMPANY
EAST 42nd STREET, NEW YORK, N.Y.
Associated with Electro Bleaching Gas Co.
Pioneer Manufacturer of Liquid Chlorine

Pumice—Soda Hypo.

Pumice stone, Ital., Ital.-grd., bgs., c.l., shipt. ex dock N.Y—ton.	32.85		Nom.
l.c.l., 5-29 tons, ex whse.	ton.	37.70	- —
1,000-10,000 lbs., ex whse.	ton.	38.70	- —
2 bgs. to 1,000 lbs., ex whse.	ton.	40.70	- —
single bgs., ex whse.	ton.	45.70	- —
Pumpkin seed, bgs.	lb.	.11	- .14
Purple lake (see Red).			
Putty, com'l., dms., 1,000 lbs.	100 lbs.	2.90	- —
500-999 lbs.	100 lbs.	3.10	- —
100-499 lbs.	100 lbs.	3.25	- —
linseed oil, raw, dms., 1,000 lbs.	100 lbs.	4.65	- —
500-999 lbs.	100 lbs.	4.85	- —
100-499 lbs.	100 lbs.	5.00	- —
refined dms., 1,000 lbs.	100 lbs.	5.15	- —
500-999 lbs.	100 lbs.	5.35	- —
100-499 lbs.	100 lbs.	5.50	- —
standard, dms., 1,600 lbs.,	100 lbs.	3.65	- —
500-999 lbs.	100 lbs.	3.85	- —
100-499 lbs.	100 lbs.	4.00	- —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand.	gal.	5.00	- 5.25
basis (30 to 1) 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand,	gal.	7.75	- 7.85
Flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over.	lb.	.18	- —
fine powd. Japan, bbls., ton lots, frt. alld.	lb.	.19	- —
Pyridin, denaturing, dms.	gal.	1.55	- —
refd., 2° dms.	lb.	.45	- —
Pyrites, Spanish, bulk, c.l.f. Atl. ports.	unit-ton.	.12-.13	Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins.	lb.	2.15	- 2.40
resublimed, fib. dms., tins.	lb.	4.00	- —
Pyroxylin scrap, amber, cs., works.	lb.	.15	- —
black, cs., works.	lb.	.10	- —
China white, ivory, cs., works.	lb.	.16	- —
dense white, cs., works.	lb.	.12	- —
gray, cs., works.	lb.	.10	- —
mixed, mottles, opaque, cs., works.	lb.	.04	- —
shell-demi, cs., works.	lb.	.12	- —
translucent pastels, cs., works.	lb.	.10	- —
transparent, cs., works.	lb.	.20	- —
colors, cs., works.	lb.	.12	- —
shavings, amber, cs., works.	lb.	.16	- —
colors, mixed, cs., works.	lb.	.10	- —
white, cs., works.	lb.	.15	- —

Q

Quassia, chips, bls.	lb.	.06	- .07
Quebracho extract, liquid, 35% tan., bbls., works.	lb.	.03½	- —
tanks, works.	lb.	.03	- —
solid, 63%, bgs., c.l., ex dock, plus duty.	lb.	.04	- —
clarified, 64%, bgs., c.l., same basis.	lb.	.04¼	- —
Queen of the meadow herb, bgs.	lb.	.10	- .12
Root, bgs.	lb.	.09	- .10
Quercitron, extract, liquid, 51°, bbls.	lb.	.06	- .08
solid, dms.	lb.	.10	- .12
Quicksilver, dom., flasks (76 lbs. net), divd., N. Y.	flasks.	89.00	-90.00
Quince seed, bgs.	lb.	.75	- 1.50
Quinidine, cryst., small cns.	oz.	.96	- —
large, cns.	oz.	.98	- —
powd., precip., cans.	oz.	.91	- —
Sulphate, cns.	oz.	.67	- —
Quinine, 100 ozs., cns.	oz.	.74	- —
Acetate, cns.	oz.	.98	- —
Arsenate, cns.	oz.	.98	- —
Arsenite, cns.	oz.	1.00	- —
Bisulphate, cns.	oz.	.53	- —
Citrate, cns.	oz.	.71	- —
Dihydrobromide, bots.	oz.	.74	- —
Dihydrochloride, bots.	oz.	.74	- —
Ethylcarbonate, cns.	oz.	.74	- —
Ferrocyanide, cns.	oz.	1.00	- —
Formate, cns.	oz.	.93	- —
Glycerophosphate, cns.	oz.	1.13	- —
Hydrochloride, cns.	oz.	.06½	- —
Hydrochlorosulphate, cns.	oz.	.74	- —
Hydroiodide, cns.	oz.	.98	- —
Hypophosphite, cns.	oz.	.96	- —
Phosphate, cns.	oz.	.81	- —
Salicylate, cns.	oz.	.72	- —
Sulphate, U.S.P. X, cns.	oz.	.53	- —
U.S.P. XI, cns.	oz.	.59½	- —
Sulphocarbolate, cns.	oz.	.96	- —
Tannate, cns.	oz.	.57	- —
Tartrate, cns.	oz.	.96	- —
Valerate, cns.	oz.	.92	- —
Quinine-urea hydrochloride cns.	oz.	.74	- —

R

R salt, bbls.	lb.	.52	- .55
Rapeseed, Belgian, bgs.	lb.	.06	- .06½
Dutch, bgs.	lb.	.06	- .06½
Japanese, bgs.	lb.	.06	- .06½
Raspberries, dried, bbls.	lb.	.75	- .80
Red, alizarin lake bbls., divd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10	- —

Red, Alizarin lake prices are ½c. higher divd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher divd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Amaranth (see Red, maroon, lake)			
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.91	- —
smaller lots, same basis,	lb.	.96	- —
kgs., ton lots, same basis,	lb.	.96	- —
smaller lots, same basis,	lb.	1.01	- —
light shade, bbls., ton lots, same basis.	lb.	.76	- —
smaller lots, same basis,	lb.	.81	- —
kgs., ton lots, same basis,	lb.	.81	- —
smaller lots, same basis,	lb.	.86	- —
light-medium shade, bbls., ton-lots, same basis.	lb.	.81	- —
smaller lots, same basis,	lb.	.86	- —
Red, cadmium, lithopone, light-medium shade, kgs., ton-lots, same basis.	lb.	.86	- —
smaller lots, same basis,	lb.	.91	- —
maroon shade, bbls., ton lots, same basis.	lb.	1.01	- —
smaller lots, same basis,	lb.	1.06	- —
kgs., ton lots, same basis,	lb.	1.06	- —
smaller lots, same basis,	lb.	1.11	- —
medium shade, bbls., ton lots, same basis.	lb.	.86	- —
smaller lots, same basis,	lb.	.91	- —
medium shade, kgs., ton lots,, same basis.	lb.	.85	- —
smaller lots, same basis,	lb.	.96	- —
selenide, bbls., dark works.	lb.	2.75	- —
light, works.	lb.	2.25	- —
Orange, bbls., 100-lb. lots, works.	lb.	1.60	- —
Carmine, 40, cns., 500 lbs.	lb.	4.00	- —
100 lbs.	lb.	4.15	- —
11 lbs.	lb.	4.40	- 4.50
Crocus martis (see Red, purple oxide).			
Eosin toner, blue shade, bbls.	lb.	1.55	- —
yellow shade, bbls.	lb.	1.40	- —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y.	lb.	.08¾	- —
80%-85%, bbls., same basis.	lb.	.07¼	- —
Iron oxide (see Red, oxide).			
Lake C toner, bbls., same basis alizarin lake, contracts.	lb.	1.25	- —
open order.	lb.	1.30	- —
Lithol toner, bbls., same basis alizarin lake contracts.	lb.	.75	- —
open order	lb.	.80	- —
Lithol-rubin toner, bbls., same basis alizarin lake.	lb.	1.50	- —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts,	lb.	.40	- —
Oxide (see Red, purple oxide).			
Mercury oxide, tech., dom.	bbls.	1.59	- 1.60
Metallic, bbls., Pa., works.	lb.	.02	- —
Orange, Persian (see O).			
Oxide, pure, bbls., c.l., works	lb.	.08½	- —
l.c.l., works.	lb.	.09¼	- —
reduced, 55% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y.	lb.	.08¼	- —
80% copperas oxide, bbls., same basis.	lb.	.07¾	- —
Para toner, concent., kegs, same basis alizarin lake, contracts.	lb.	.75	- —
open order.	lb.	.80	- —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y.	lb.	.04½	- —
ex whse., Chicago, St. Louis.	lb.	.05¾	- —
San Fran., Los Ang., Portland, Seattle.	lb.	.05	- —
Phosphotungstic rhodamine Y, kgs.	lb.	4.15	- —
Purple lake, kgs.	lb.	.60	- 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis.	lb.	.03	- —
Toner, kgs.	lb.	1.50	- 2.00
Rose lake, bbls.	lb.	.20	- .30
Pink, bbls.	lb.	.15	- .20
Scarlet ink toner, kgs., same basis alizarin lake.	lb.	.45	- —
Lake, kgs., same basis alizarin lake.	lb.	.25	- .30
Spanish oxide, bbls., divd.	lb.	.03¾	Nom.
Toluidin toner, kgs., same basis alizarin lakes.	lb.	1.35	- —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis.	lb.	.25½	- —
2, bbls., same basis.	lb.	.30½	- —
3, bbls., same basis.	lb.	.33½	- —
4, bbls., same basis.	lb.	.33½	- —
5, bbls., same basis.	lb.	.24	- —
6, bbls., same basis.	lb.	.24	- —
7, bbls., same basis.	lb.	.24	- —
8, bbls., same basis.	lb.	.23	- —
9, bbls., same basis.	lb.	.31½	- —
10, bbls., same basis.	lb.	.18¾	- —
Venetian, bbls., works.	lb.	.0220	- —
10%, bbls., works.	lb.	.0245	- —
15%, bbls., works.	lb.	.0255	- —
20%, bbls., works.	lb.	.02¾	- —
25%, bbls., works.	lb.	.03	- —
30%, bbls., works.	lb.	.03¼	- —
35%, bbls., works.	lb.	.0360	- —
40%, bbls., works.	lb.	.04	- —
Vermilion, Amer., bbls., same basis alizarin lake.	lb.	.15	- —
English quicksilver, bbls., 500 lbs.	lb.	1.70	- 1.75
smaller lots.	lb.	1.71	- 1.84
Red dyes are listed under Dyes.			
Red precipitate, N. F., powd., fib. dms.	lb.	1.84	- 1.86
Red saunders wood, ground, bbls.	lb.	.12	- .17
Resorcinol, tech., dms., works.	lb.	.75	- .80
USP, cryst., bbls., works.	lb.	1.50	- 1.55
Rhatany root, bgs.	lb.	.09	- .10
Rhodinol, bots.	lb.	5.75	-15.00
Rhubarb root, cs.	lb.	1.15	Nom.
powd., bbls., kgs.	lb.	1.25	Nom.
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't.	lb.	.15	- —
smaller lots.	lb.	.15¼	- —
powd., bbls., 5,000 lbs., 1 shipm't.	lb.	.16	- —
smaller lots.	lb.	.16½	- —
Rose flowers, pale, bls.	lb.	.35	- .40
Red, bls.	lb.	2.00	- 2.10
Water, triple.	djn.	4.75	- 5.00
Rosemary flowers, bls.	lb.	.35	- .40
Leaves, bls.	lb.	.05½	- .06
Rosin, gum, B, bbls., ex dock.	280 lbs.	8.65	- —
D, bbls.	280 lbs.	8.65	- —
E, bbls.	280 lbs.	8.65	- —
F, bbls.	280 lbs.	9.00	- —
G, bbls.	280 lbs.	9.00	- —
H, bbls.	280 lbs.	9.00	- —
I, bbls.	280 lbs.	9.00	- —
K, bbls.	280 lbs.	9.00	- —
M, bbls.	280 lbs.	9.02½	- —
N, bbls.	280 lbs.	9.02½	- —
W. G., bbls.	280 lbs.	9.35	- —
W. W., bbls.	280 lbs.	9.80	- —
X, bbls.	280 lbs.	9.80	- —
Wood, New York, F. F., bbls.,	280 lbs.	8.50	- 9.45
K, bbls.	280 lbs.	8.80	- 9.85
M, bbls.	280 lbs.	9.00	- 9.95
N, bbls.	280 lbs.	9.65	-10.00
Rottenstone, dom., bgs., c.l., f.o.b. mines.	ton.	35.00	- —
l.c.l., ex whse.	ton.	50.00	- —
import., lump, bbls.	lb.	.12	- —
powd., bbls.	lb.	.08½	- .10
Rue, bls.	lb.	.21	- .23

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Sabadilla seed, powd., bbls.	lb.	.22	- .23
Saccharin, dms., 100 lbs.	lb.	1.70	- —
cns., 25 lbs.	lb.	1.73	- 2.05
Safflower, bls.	lb.	.25	- .26
Saffron, Mexican, bls.	lb.	.35	- .40
Spanish, tins.	lb.	19.00	-20.00
Safrol, cns.	lb.	.50	- .58
dms.	lb.	.47	- .55
Sage, Dalmatian, stemless.	lb.	.05¾	- .06¾
garden, bls.	lb.	.06¼	- .08¾
Sago flour, bgs.	lb.	.03¼	- .04¼
Salicin, bots., 5 lbs.	lb.	5.00	- —
cns., 25 lbs.	lb.	4.75	- —
Salol, gran., bbls., 200 lbs.	lb.	.90	- —
bxs., 25 lbs.	lb.	.93	- —
kgs., 100 lbs.	lb.	.90	- —
powd., fib. dms., 25 lbs.	lb.	1.03	- —
kgs., 100 lbs.	lb.	1.00	- —
Salt, rock, bgs., divd., N. Y.	ton.	11.80	-12.80
l.c.l., bgs., divd., N. Y.	ton.	14.00	-14.50
vacuum, common, fine, bgs., c.l., divd., N. Y.	ton.	14.80	- —
l.c.l., divd. N. Y.	ton.	15.50	- —
Saltcake, grd., dom., bbls., works,	ton.	19.00	-25.00
bulk, works.	ton.	13.50	- —
import, bulk, c.i.f.	ton.	15.00	-16.00
Chrome (see Chrome cake).			
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls.	100 lbs.	7.00	- 7.75
1-9 tons.	100 lbs.	7.40	- 7.90
less than ton lots.	100 lbs.	7.40	- 8.15
gran., bbls., 10-20 tons.	100 lbs.	6.00	- —
1-9 tons.	100 lbs.	6.15	- —
less than ton lots.	100 lbs.	6.40	- —
powd., bbls., 10-20 tons.	100 lbs.	7.00	- —
1-9 tons.	100 lbs.	7.15	- —
less than ton lots.	100 lbs.	7.40	- —
Santonin, cryst., cns.	lb.	25.00	-26.00
Saponin, crude, cns.	lb.	1.45	- —
purified, bots., 5 lbs.	lb.	1.65	- —
cns., 25 lbs.	lb.	1.50	- —
Sarsaparilla root, Honduras, bls.	lb.	.45	- .50
Mexican, bls.	lb.	.19	- .20
Sassafras bark, ord., bls.	lb.	.12	- .13
select, bls.	lb.	.22	- .23
Savory, bbls.	lb.	.07½	- .08
Saw palmetto berries, bgs.	lb.	.30	- .32
Scammony root, bgs.	lb.	.06	- .07
Schaeffer's salt, bgs.	lb.	.46	- —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't.	lb.	.12¾	- —
smaller lots	lb.	.13¼	- —
kegs, 5,000 lbs., 1 shipm't.	lb.	.13¼	- —
smaller lots	lb.	.13¾	- —
Senega root, bls.	lb.	.60	- .62
Senna leaves, Alexandria, bls.	lb.	.10	- .11
Tinnevelly, No. 1, bls.	lb.	.10	- .11
2, bls.	lb.	.07	- .08
3, bls.	lb.	.05	- .06
powd., bbls., bxs.	lb.	.09	- .10
siftings, bls.	lb.	.10	- .11
Pods, bls.	lb.	.06	- .07
Serpentaria root, bls.	lb.	.85	- .90
Shellac, bleached, bonedry, bbls., f.o.b., N.Y.	lb.	.17½	- .18
divd. Boston.	lb.	.18	- .18½
Chicago	lb.	.18½	- .19
Pacific Coast	lb.	.19½	- .20
refd., bbls., f.o.b. N. Y.	lb.	.23	- .24
divd. Boston.	lb.	.23½	- .24½
Chicago	lb.	.24	- .25
Pacific Coast.	lb.	.26	- .27
Garnet, bgs.	lb.	.14	- .15
Orange, D.C., VSO., Diamond, cases.	lb.	.22	- .23
superfine, bgs., f.o.b. Bost., N. Y.	lb.	.13½	- .14
divd. Chicago.	lb.	.14½	- .15
Pacific Coast.	lb.	.16½	- .17
T N., bgs., f.o.b. Bost., N.Y.,	lb.	.12½	- .13
divd., Chicago.	lb.	.13½	- .14
Pacific Coast.	lb.	.15½	- .16
Shellac varnish, orange, 5-lb. cut, bbls.	lb.	.90	- 1.06
4½-lb. cut, bbls.	gal.	.85	- .95
4-lb. cut, bbls.	gal.	.80	- .90
white, 5-lb. cut, bbls.	gal.	1.05	- 1.15
4½-lb. cut, bbls.	gal.	1.00	- 1.10
4-lb. cut, bbls.	gal.	.95	- 1.05
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.	ton.	17.00	- —
l.c.l., 2½ tons, works.	ton.	19.00	- —
smaller lots, works.	ton.	20.00	- —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works.	ton.	18.00	- —
l.c.l., 2½ tons, works.	ton.	19.50	- —
smaller lots, works.	ton.	21.00	- —
400 mesh, bgs., c.l., works,	ton.	35.00	- —
l.c.l., 2½ tons, works.	ton.	36.50	- —
smaller lots, works.	ton.	38.00	- —
96-98%, 3.25 mesh., bgs., c.l., works.	ton.	20.00	- —
l.c.l., 2½ tons, works.	ton.	21.50	- —
smaller lots, works.	ton.	23.00	- —
99%, 325 mesh, bgs., c.l., works.	ton.	22.00	- —
l.c.l., 2½ tons, works.	ton.	25.50	- —
smaller lots.	ton.	27.00	- —
hard-quartz, 140 mesh, bgs., c.l., works.	ton.	11.00	- —
l.c.l., works.	ton.	16.00	- —
Silver, bullion.	oz.	.44¾	- —
Govt. purchase.	oz.	.7757	- —
Nitrate, vfs.	oz.	.32⅞	- .34⅞
Nucleinate, bots., cns., 480 ozs.,	oz.	.30	- .31
Proteinate, bots., cns., 480 ozs.,	oz.	.29	- .30
Simarubra bark, bls.	lb.	.28	- .30
Skatol, bots.	lb.	76.00	-80.00
Skullcap, Eastern, bls.	lb.	.25	- .26
Western, bls.	lb.	.17	- .18
Skunk cabbage root, bls.	lb.	.15	- .16
Slate flour, bgs., c.l., works.	ton.	9.00	- —
l.c.l., works.	ton.	10.00	-15.00
Sloe berries, bgs.	lb.	.09	- .10
Smalt, black, extra velvet, ctns.	lb.	.05	- .06
Blue, cts.	lb.	.07	- .08½
Snakeroot, Canad., bls.	lb.	.24	- .26
Soapbark, bls.	lb.	.07	- .08
crushed, bls., bbls.	lb.	11	- .12
cut, bls., bbls.	lb.	.10	- .11
powd., bbls.	lb.	.13½	- .14
Soda, ablestate, dms.	lb.	.13	- —
Acetate, anhyd., dms.	lb.	.08¼	- —
flake, gran., powd., 60%, dms.	lb.	.04¼	- .05
Alginate, dms.	lb.	.69	- —
Antimoniate, bbls.	lb.	.14¾	- .15¼
Arsenate, dms., dealers, c.l., works.	lb.	.08	- —
l.c.l., dms., works.	lb.	.08½	- —
Arsenite, dry, gray, dms., c.l., dealers' works.	lb.	.07½	- .09½
l.c.l., dms., works.	lb.	.08	- .10
white, dms., c.l., dealers' works.	lb.	.09	- .13
l.c.l., dms., works.	lb.	.09½	- .13½
liquid, dms., works.	gal.	.30	- .33
Arsenite, powd., bbls.	lb.	.13	- .14

Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works.	100 lbs.	1.10	- —
l.c.l., Zone 1.	100 lbs.	2.03	- —
2	100 lbs.	2.18	- —
3	100 lbs.	2.43	- —
4	100 lbs.	2.83	- —
bbls., c.l., works.	100 lbs.	1.35	- —
l.c.l., Zone 1.	100 lbs.	2.25	- —
2	100 lbs.	2.40	- —
3	100 lbs.	2.65	- —
4	10 lbs.	3.05	- —
bulk, c.l. works.	100 lbs.	.95	- —
extra light, 58%, bgs., c.l	100 lbs.	1.08	- —
l.c.l., Zone 1.	100 lbs.	1.98	- —
2	100 lbs.	2.13	- —
3	100 lbs.	2.38	- —
4	100 lbs.	2.78	- —
bbls., c.l.	100 lbs.	1.45	- —
Soda ash, extra light, bbls., l.c.l., Zone 1.	100 lbs.	2.35	- —
2	100 lbs.	2.50	- —
3	100 lbs.	2.75	- —
4	100 lbs.	3.15	- —
bulk, c.l.	100 lbs.	.90	- —
light, 58%, bgs., c.l., works.	100 lbs.	1.05	- 1.08
l.c.l., Zone 1.	100 lbs.	1.98	- —
2	100 lbs.	2.13	- —
3	100 lbs.	2.38	- —
4	100 lbs.	2.78	- —
bbls., c.l., works.	100 lbs.	1.35	- —
l.c.l., Zone 1.	100 lbs.	2.25	- —
2	100 lbs.	2.40	- —
3	100 lbs.	2.65	- —
4	100 lbs.	3.05	- —
bulk, c.l.	100 lbs.	.90	- —

Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Mo., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more.	lb.	.39	- —
1,000 to 3,900 lbs.	lb.	.40	- —
900 lbs. or less.	lb.	.43	- —
USP, bbls., 4,000 lbs., or more.	lb.	.46	- —
1,000 to 3,900 lbs.	lb.	.47	- —
900 lbs. or less.	lb.	.50	- —
dms., 4,000 lbs. or more.	lb.	.47	- .48
1,000 to 3,900 lbs.	lb.	.48	- .49
900 lbs. or less.	lb.	.51	- .52
Bicarbonate, gran., bbls., c.l., works.	100 lbs.	2.15	- —
powd., bbls., c.l., works.	100 lbs.	1.75	- —
l.c.l., divd. N. Y.	100 lbs.	2.39	- —
kgs., c.l.	100 lbs.	2.00	- —
l.c.l., divd. N. Y.	100 lbs.	2.64	- —
Bichromate, spot, c.l., works	lb.	.06¾	- —
6 cks. or 10 bbls. or over, works.	lb.	.06¾	- —
5 cks. or 9 bbls. or less, works.	lb.	.07	- —
Bifluoride, bbls.	lb.	.12	- —
Bisulphate (see Niter cake).			
Bisulphite, powd., bbls., c.l., works.	100 lbs.	3.25	- 3.35
l.c.l., works.	100 lbs.	3.50	- 3.60
solution, 32 deg., bbls., c.l., works.	100 lbs.	1.30	- —
l.c.l., bbls., works.	100 lbs.	1.55	- —
33 deg., bbls., c.l., works.	100 lbs.	1.35	- —
l.c.l., bbls., works.	100 lbs.	1.60	- —
35 deg., bbls., c.l., works.	100 lbs.	1.40	- —
l.c.l., bbls., works.	100 lbs.	1.65	- —
40 deg., bbls., works.	100 lbs.	1.55	- —
l.c.l., bbls., works.	100 lbs.	1.80	- —
Bromide, U.S.P., gran., bbls., 500 lbs.	lb.	.31	- —
fiber dms., 100 lbs.	lb.	.32	- —
Cacodylate, bots., 5 lbs.	lb.	6.82	- —
jars, 25 lbs.	lb.	6.50	- —
Carbonate (see Soda ash, soda menohydrated soda, sal)			
Caustic, flake, 76% 1, grd., powd., ammon. process, bbls., c.l., works.	100 lbs.	2.70	- —
dms., c.l., works.	100 lbs.	2.70	- —
l.c.l., Zone 1.	100 lbs.	3.45	- 4.80
2	100 lbs.	3.60	- 4.95
3	100 lbs.	3.85	- 5.20
4	100 lbs.	4.25	- 5.00
electro process, dms., c.l., works.	100 lbs.	2.70	- —
l.c.l., same zone prices as ammonia process.			
liquid, 47-49% buyer's tanks, tanks, works.	100 lbs.	1.95	- —
seller's tanks, works.	100 lbs.	1.97½	- —
50%, buyer's tanks, works,	100 lbs.	1.97½	- —
seller's tanks, works.	100 lbs.	2.00	- —
solid, 76%, ammon. process, dms., c.l., works.	100 lbs.	2.30	- —
l.c.l., Zone 1.	100 lbs.	3.05	- —
2	100 lbs.	3.20	- —
3	100 lbs.	3.45	- —
electro process, dms., c.l., works.	100 lbs.	2.30	- —
l.c.l., same zone prices as ammon. process.			

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works.	lb.	.06¼	- —
l.c.l., works.	lb.	.06½	- .08
powd., bgs., c.l., works.	lb.	.06½	- —
l.c.l., works.	lb.	.07	- .08½
Citrate, U.S.P. VIII, gran., bbls. 225 lbs.		.20	- —
cns., 50 lbs.	lb.	.22	- —
25 lbs.	lb.	.24	- .25
kgs., 100 lbs.	lb.	.21	- —
USP X, gran., bbls., 250 lbs.	lb.	.26½	- —
cns., 50 lbs.	lb.	.28½	- —
25 lbs.	lb.	.30½	- .31½
kgs., 100 lbs.	lb.	.27	- —
powd., bbls., 250 lbs.	lb.	.27	- —
cns., 50 lbs.	lb.	.29	- —
25 lbs.	lb.	.31	- .32
kgs., 100 lbs.	lb.	.28	- —
Cyanide, 96-98%, dom., dms.	lb.	.16½	- .17¼
import., cs.	lb.	.16¼	- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila.	lb.	.07¼	- —
l.c.l., 10 or over, same basis.	lb.	.07½	- —
5-9, same basis.	lb.	.08	- —
1-4, same basis.	lb.	.08¼	- —
95%, bbls., c.l., same basis.	lb.	.07½	- —
l.c.l., 10 or over, same basis.	lb.	.07¾	- —
5-9 same basis.	lb.	.08¼	- —
1-4, same basis.	lb.	.08½	- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots.	lb.	1.00	- —
smaller lots.	lb.	1.15	- —
cns., 25 lbs.	lb.	1.40	- —
powd., bbls., 1,000-lb. lots,	lb.	1.05	- —
smaller lots	lb.	1.20	- —
cns., 25 lbs.	lb.	1.45	- —
Hydrosulphite, bbls.	lb.	.16	- .17
Hydroxide, USP, sticks, cns., 160 lbs.	lb.	.23	- .24
Hypophosphite, N.F., cns., 100 lbs.	lb.	.67	- —

Soda, hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls. .....100 lbs. 2.50 - 3.05
gran., bbls. .....100 lbs. 2.75 - 3.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars .....lb. 1.90 - 1.95
Mandelate, bots., 5 lbs.....lb. 3.30 - —
jars, 25 lbs. .....lb. 3.20 - —
Metanilate, kgs .....lb. .41 Nom.
Metasilicate, cryst., bbls., c.l., gran., bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs., lb. No prices.
cryst., kgs.....lb. No prices.
Mononydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, c.l., 100-lb. bgs., Oct.-June dlvy, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis, ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 25..100 lbs. 2.25 - —
5-24 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls., ton lots....lb. .05½- —
smaller lots .....lb .06¼- —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized.lb. .07 - —
c.l., West Coast, f.o.b. f.o.b. ports..lb. .08¼- —
l.c.l. .....lb. .08½- .11¼
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs .....lb. .11 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l. works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
bbls., c.l., works...100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 2.10 - —
monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
tribasic, bgs., c.l., works 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
kgs., c.l., works....100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .10 - .11¼
Pyrophosphate, anhyd., bbls.lb. .10 - —
cryst., bbls.....lb. .09½- —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms. and up, delvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52° dms., c.l., works..100 lbs. 1.25 - —
l.c.l., 5 or more, works, 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls....lb. .05¾- .06
import, bbls.....lb. .05¾- .06
Stannate, dms.....lb. .36 - .39
Stearate, lump, powd., bbls., works..lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works. 100 lbs. 1.70 - 1.90
less than 5 tons, works. 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphite, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd. 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works... 100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4. .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP., kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent naphtha, high-flash, dms., works, frt. equald. gal. .36 - —
tanks, same basis.....gal. .31 - —
water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works.gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .14 - .15
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04¼- —
super, bbls., works.....lb. .01⅞- —
tanks, works.....lb. .01⅝- —
Squawvine leaves, bls.....lb. .19 - .20
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .31 - .32
St. John's bread, bls.....lb. .08½- .09
Starch, corn, pearl, bgs..100 lbs. 3.78 - 3.98
powd., bgs.....lb. 3.88 - 4.08
Iodide, bots.....lb. 1.37 - —
Potato, dom., bgs.....lb. .05½ Nom.
import, bgs.....lb. .05½ Nom.
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick boil, bbls.....lb. .07 Nom.
Staveacre seed, bgs.....lb. .25 - .26
Stearin, oleo, bbls.....lb. .09 - .09¼
Stillingia root, bls.....lb. .09½- .10
Stoneroot, bls.....lb. .09 - .09½
Storax, cs.....lb. .48 - .49
Stramonium leaves, bls.....lb. .11 - .12
Seed, bgs.....lb. .09 - .10
Strontium bromide, nb, dms..lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, pure, bbls .....lb. .30 - .31
Strontium, iodide, jars, 25 lbs..lb. 2.70 - —
bots., 5 lbs.....lb. 2.76 - —
Nitrate, dom., bbls.. c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .08½- .09
Strophanthus seed, Kombe,bgs.lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Strychnine, arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55
Styralyl acetate, bots.....lb. 6.75 - 7.00
Sucrose octa - acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.10
Milk, bbls, c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 2.20 - —
fib., dms., 1,000 lbs., 1 delivery. lb. 1.75 - —
100 lbs.....lb. 1.80 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 6.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts,long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls, wks.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works...100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
Sulphur, refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bags., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..... 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works.....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works .....lb. .04 - .06
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide bots., jars.....lb. 3.80 - 3.85
Sumac, grd., Silician, bls....ton.60.00 - —
leaf, bales.....ton.65.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .08½- .09¼
Sunflower seed, Calif., large, bgs., lb. .06 - .06¼
medium, bgs.....lb. .05½- .06
poultry, bgs.....lb. .05 - .05½

Soda Hypo.—Talc

Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto, ton. 9.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 8.50 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .85 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96.98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99¼%, 325 mesh, bgs., c.l. mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
99.85-99.95% 325 mesh, bgs., c.l., mills..ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.00 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Import, Canad., bgs., c.l., dlvd..ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —

Freight Scales are Impartial! The water of solution in which bisulphite was at one time universally marketed announced itself loudly in freight charges to the consumer. Because no way was known of producing highly pure bisulphite free from water, the consumer was obliged to pay not only these high freight costs (approximately two-thirds of the commercial solution was water) but the costs of a relatively expensive container as well. ● The advent of bisulphite *powder*, therefore, in addition to importance for practical operations, was particularly welcomed by those who keep an eagle-eye on cost-sheets . . . the purchasing agents of the many industries employing this versatile chemical. ● Anhydrous Bisulphite of Soda was pioneered by General Chemical Company.

GENERAL CHEMICAL COMPANY has always unstintingly applied every facility of its broad research and production resources toward improving on the accepted criteria of quality and service.

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a.b.s.
ANHYDROUS BISULPHITE OF SODA
ACIDS • ALUMS • SODIUM COMPOUNDS • AND OTHER INDUSTRIAL CHEMICALS

Talc—Wax, Carnauba

Talc, import, French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .08⅛ Nom.
extra, loose, works.....lb. .07¼- —
special, loose, works.....lb. .06¾- —
sulphonated 35% (24% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .07½- —
50% (43% fat), dms., c.l..lb. .07½- —
l.c.l. .....lb. .08 - —
50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
Tamarinds, W. I., bbls.....lb. .06 - .06¼
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk.....unit-ton. 3.30 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 3.25 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago...unit-ton. 3.10 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.50 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, shipt. unit-ton. 3.50 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03¼- .03¼
Tar acid oil, 15%, dms., c.l., works..gal. .22½- —
l.c.l., same basis.....gal. .25½- —
25%, dms., c.l., works....gal. .26½- —
l.c.l., same basis.....gal. .29½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .33¼
Terebene, cns.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .80 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l..lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .19 - .20
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons up. .20 - —
5 tons, same bases....lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin crystals, bbls., kgs.....lb. .41 - .41½
Metal, Straits.....lb. .56¼- —
Oxide, bbls.....lb. .60 - .62
Tetrachloride, anhyd., bbls...lb. .28 - —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals, lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse...lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l., (20 tons) E., frt. alld..lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium, calcium, or magnesium base, bgs., c.l., E. frt. alld.....lb. .05⅞- —
Pac. cst., f.o.b. terminal, lb. .05⅞- —
l.c.l., E. dlvd.....lb. .06¼- —
Pac. cst., ex whse..lb. .06½- —
under 50 lbs., E. dlvd.lb. .06⅝- —
bbls., c.l., E., frt. alld..lb. .06¼- —
l.c.l., E. dlvd.....lb. .06⅝- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .48 - .50
Toluidin, mixed, dms.....lb. .28 - —
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .28 - .36
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld., E. of Rockies..lb. .094- —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, cn., dlvd.....lb. .30 - .41
dms., c.l., dlvd.....lb. .26½- —
500 lbs., dlvd.....lb. .27 - —
2, cns., dlvd.....lb. .28 - .39
dms., c.l., dlvd.....lb. .24½- —
500 lbs., dlvd.....lb. .25 - —
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms....lb. .34 - .39
Tripoli, air-floated, bgs., c.l., works..ton.25.00 - —
l.c.l., ex whse., N.Y....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton.17.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton.15.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms., lb. No prices
99%, dms.....lb. No prices
Oxide, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .05½- .06
Madras, bgs.....lb. .06½- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .34¼- —
l.c.l., 10, ex dock....gal. .36¼- —
5, ex dock.....gal. .38¼- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .32 - —
l.c.l., dlvd.....gal. .35 - —
tanks, dlvd.....gal. .27 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14¼- .15¼
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl. Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .12 - .13

V

Valerian root, bls.....lb. .10 - .11
Valonia, beards, bgs., shipt..ton.49.00 - —
Cups, bgs., shipt.....ton.32.50 -34.50
Vanila beans, Bourbon, tins...lb. 4.25 - 4.50
Mexican, tins.....lb. 4.40 - 4.75
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.25 - 4.50
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
Vanillin, ex eugenol, 5-lb. tins, 2,000 lbs. or more..lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more. lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more. lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .24 - .30
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .57
Tree bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton.41.75 -43.75
Extract, bbls.....lb. .04⅝- —
Wax, bayberry, import, bgs...lb. .16⅞- .17
Bees, white, bleach, slabs.. cs., 500 lbs. .39 - .45
yellow, crude, Africa, bgs., lots of 10..lb. .26 - .26½
1 bg.....lb. .26½- .27
Brazil, Chile, bgs., 5-10 tons..lb. .29½- .30
1 ton.....lb. .30 - .30½
500 lbs.....lb. .30½- .31
100 lbs.....lb. .31 - .31½
refd., slabs, cs., lbs...lb. .35 - .39
Candelilla, bgs., 1 ton.....lb. .13 - .13½
jobbing lots.....lb. .13½- .14
Carnauba, No. 3, bgs., chalky, 1 ton..lb. .36 - .36½
5 bgs.....lb. .36½- .37
1 bg.....lb. .37 - .37½
N. C. 2, bgs.....lb. .39 - .40
N. C. 3, bgs., 1 ton.....lb. .36 - .36½
5 bgs.....lb. .36½- .37
1 bg.....lb. .37 - .37½
refined, bgs.....lb. .40 - .40½
yellow, No. 1, bgs., 1 ton..lb. .45½- .46
5 bgs.....lb. .46 - .46½
1 bg.....lb. .46½- .47
No. 2, bgs.....lb. .44⅛- .44½

★ ★ ★ ★

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16th EXPOSITION CHEMICAL INDUSTRIES
GRAND CENTRAL PALACE • NEW YORK

7842

Wax, ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .11 - .11¼
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06½
White precipitate, powd., bots. 5 lbs..lb. 1.99 - —
dms. .....lb. 1.86 - 1.88
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works.ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works, ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip., bags., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works. ..ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .08 - .06½
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock...ton.33.00 - —
Wormseed, American, bgs.....lb. .15 - .16
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld., gal. .41 - —
W. of Omaha, works....gal. .41 - —
Xylol, 5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.80 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .51 - —
smaller lots, same basis, lb. .56 - —
kgs., ton lots, same basis, lb. .56 - —
smaller lots, same basis, lb. .61 - —
sulphide, orange, bbls., works, lb. 1.50 - 1.60
Yellow, chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order.....lb. .15½- —

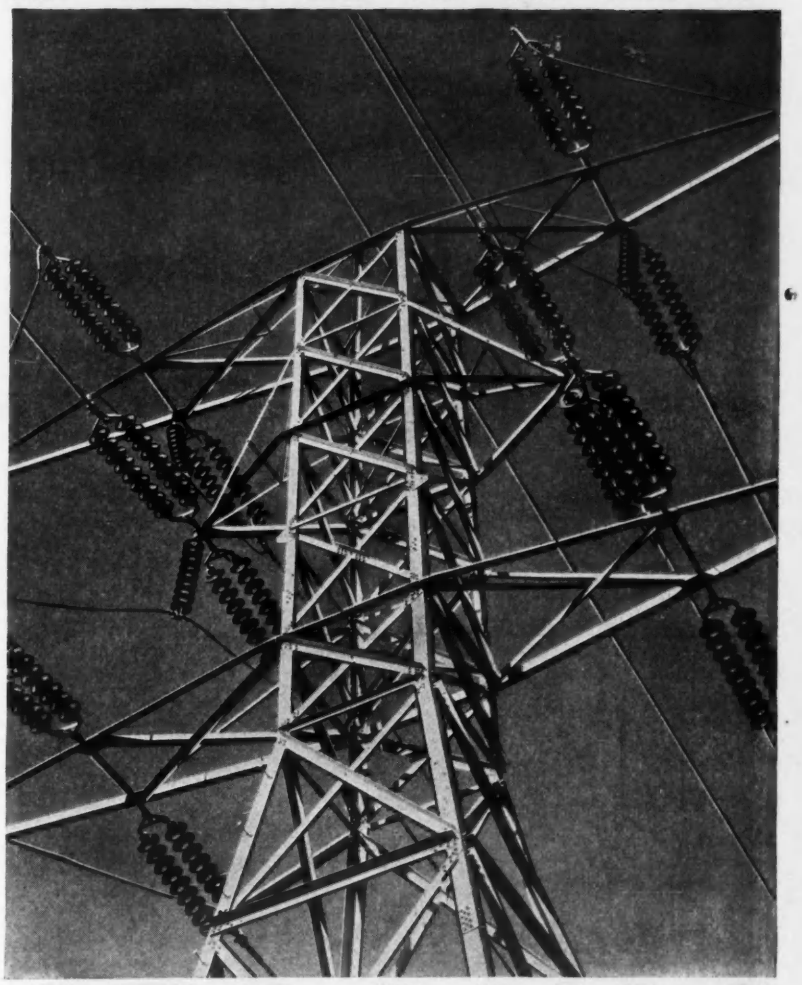
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01⅛- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import.lb. .02475- —
New York (f.o.b.)..lb. .02⅝- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- —
New York.....lb. .02½- —
Yellow, ocher, French, all shades, cks., l.c.l., ex dock, Philadelphia, for import..lb. .02¾- —
Portland, Seattle..lb. .03⅛- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans....lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03⅜- —
Minneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle..lb. .03⅜- —
San Pedro, S. Francisco..lb. .03¼- —
t.o.b. N. Y. from dock, lb. .02¾- —
from whse.....lb. .02⅞- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y., lb. .04½- —
l.c.l., same basis.....lb. .04⅝- —
synth., bbls., c.l., works...lb. .03⅝- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .10 - .11
Yohimbine hydrochloride, vis..oz. 2.50 - 2.55

Z

Zinc, acetate, USP., bbls., 250 lbs..lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .10½- —
l.c.l., bgs., cs.....lb. .11 - —
Zinc, arsenite, bgs., c.s., c.l., dealers, west of Rockies lb. .10½- —
l.c.l., bgs., cs.....lb. .11 - —
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 -
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works. 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 -
solution, dms., works....lb .04½ -
tanks, works.....lb. .0225- —
gran., U.S.P., dms., 200 lbs.. lb. .25 - —
jars, 25 lbs.....lb. .31 - —
Cyanide, kgs., works.....lb. .30 - .38
Dust, bbls., c.l., dlvd.....lb. .0840- —
l.c.l., bbls., dlvd.....lb. .09 - —
Fluoride, bbls.....lb. .20 - .2
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.60 -
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07¼
l.c.l., dlvd. except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst.. lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08

STRESSES



STRAINS

In paint films, too

THERE are many changes which take place in the paint film during the weathering process. Chief among these are the stresses and strains created by the slow disintegration of the vehicle. These internal forces literally pull the film apart.

The particle structure of Cryptone MS-130, the Zinc Sulphide-Magnesium Pigment, is designed to relieve these stresses and strains. In applying this feature of Cryptone MS-130 to their outside house paints and primers, manufacturers have been able to improve film distensibility, producing plasticization without attendant softness.

Cryptone MS-130 is primarily a durability pigment but, like all zinc pigments, it possesses outstanding tint holding properties. Advantage can also be taken of its unusually high hiding and bulking.

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New Jersey zinc

The New Jersey Zinc Company

160 FRONT STREET - NEW YORK, N. Y.

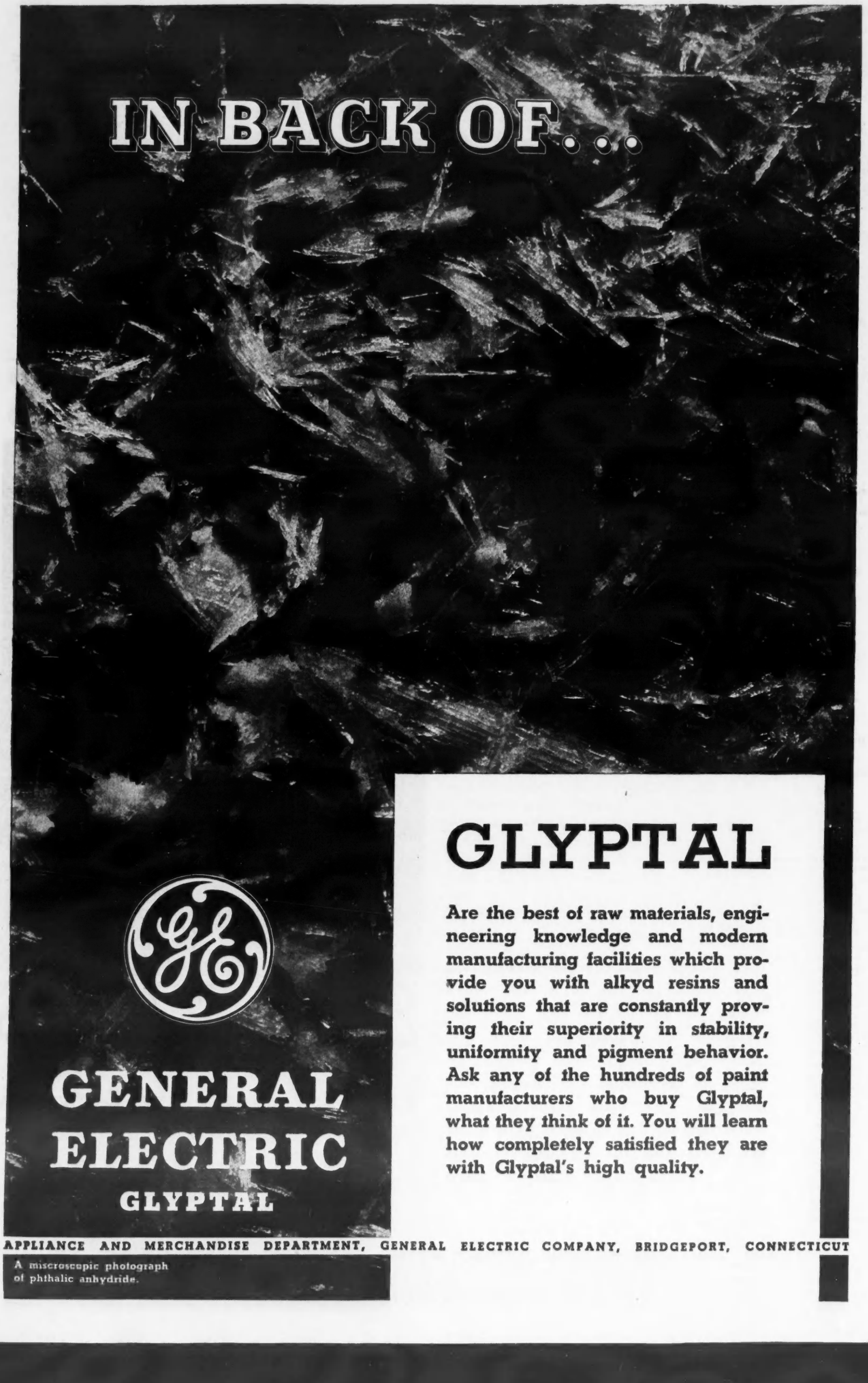
Send me a sample of Cryptone MS-130.
(For Paint Manufacturers only)

Name.....

Address.....

CRYPTONE MS-130

ZINC SULPHIDE-MAGNESIUM PIGMENT



GENERAL ELECTRIC
GLYPTAL

A miscroscopic photograph of phthalic anhydride.

GLYPTAL

Are the best of raw materials, engineering knowledge and modern manufacturing facilities which provide you with alkyd resins and solutions that are constantly proving their superiority in stability, uniformity and pigment behavior. Ask any of the hundreds of paint manufacturers who buy Glyptal, what they think of it. You will learn how completely satisfied they are with Glyptal's high quality.

APPLIANCE AND MERCHANDISE DEPARTMENT, GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONNECTICUT

Zinc, oxide, dom., Amer. process, leaded, 5%, bgs., c.l., dlvd..lb.	.06½	—
l.c.l., dlvd., except Pac. cst..lb.	.06¾	—
ex whse., Pac. cs.lb.	.06¾	—
bbls., c.l., dlvd....lb.	.06¾	—
l.c.l., dlvd., except Pac. cst..lb.	.06¾	—
ex whse.,Pac.cst.lb.	.06¾	—
35%, bgs., c.l., dlvd.lb.	.0645	—
l.c.l., dlvd., except Pac. cst..lb.	.0670	—
ex whse.,Pac.cst.lb.	.0670	—
bbls., c.l., dlvd....lb.	.0670	—
l.c.l., dlvd., except Pac. cst..lb.	.0695	—
ex whse.,Pac.cst.lb.	.0695	—
50%, bgs., c.l., dlvd...lb.	.06⅝	—
...c.l., dlvd., except Pac. cst..lb.	.06¾	—
ex whse., Pac. cst.lb.	.06¾	—
bbls., c.l., dlvd.....lb.	.06⅞	—
a c.l., dlvd., except Pac. cst..lb.	.07½	—
ex whse., Pac. cst.lb.	.07½	—
French process, coml., lead-free, bgs., c.l., dlvd..lb.	.06¼	.07½
l.c.l., dlvd., except Pact cst..lb.	.06½	.07¾
ex whse., Pac. cst.lb.	.06½	.07¾
bbls., c.l., dlvd.....lb.	.06½	.07¾
l.c.l., dlvd., except Pac. cst..lb.	.06¾	.08
ex whse., Pac. cst.lb.	.06¾	.08
green seal, bgs.,c.l.,dlvd. lb.	.08	—
l.c.l., dlvd., except Pac. cst..lb.	.08¼	—
ex whse., Pac. cst.lb.	.08¼	—
bbls., c.l., dlvd.....lb.	.08¼	—
l.c.l., dlvd., except Pac. cst..lb.	.08½	—
ex whse., Pac. cst.lb.	.08½	—
red seal, bgs., c.l., dlvd. lb.	.07½	—
l.c.l., dlvd., except Pac. cst..lb.	.07¾	—
ex whse., Pac. cst.lb.	.07¾	—
bbls., c.l., dlvd.....lb.	.07¾	—
l.c.l., dlvd., except Pac. cst..lb.	.06¾	.08
ex whse., Pac. cst.lb.	.06¾	.08
white seal, bgs., c.l., dlvd. lb.	.08½	—
l.c.l., dlvd., except Pac. cst..lb.	.08¾	—
ex whse., Pac. cst.lb.	.08¾	—
bbls., c.l., dlvd.....lb.	.08¾	—
l.c.l., dlvd., except Pac. cst..lb.	.09	—
ex whse., Pac. cst.lb.	.09	—
import., gold seal, cks, ex whse..lb.	.13	.14
green seal, bbls., ex whse., lb.	.10	—
white seal, cks., ex whse., lb.	.11	.12½
Oxide, USP, bbls., c.l.....lb.	.09½	—
Palmitate, bbls.....lb.	.23	.25
Resinate, fused, pale, bbls...lb.	.10	—
precip., dms., dlvd.....lb.	.15	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20	—
l.c.l., 1 ton.....lb.	.21	—
1,000-2,000 lbs.....lb.	.22	—
less than 1,000 lbs..lb.	.23	—
USP, bbls.....lb.	.21	—
Sulphate, cryst., bgs., c.l.100 lbs.	3.15	—
l.c.l. .....100 lbs.	3.90	—
bbls., c.l.....100 lbs.	3.30	—
l.c.l. .....100 lbs.	4.00	—
flake, bgs., c.l.....100 lbs.	3.00	—
l.c.l. .....100 lbs.	4.35	—
bbls., c.l.....100 lbs.	3.15	—
l.c.l. .....100 lbs.	4.50	—
powd., bgs., c.l.....100 lbs.	5.00	—
l.c.l. .....100 lbs.	5.75	—
bbls., c.l.....100 lbs.	5.15	—
l.c.l. .....100 lbs.	5.90	—
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.09	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.09¼	—
bbls., c.l. (20 tons), dlvd..lb.	.09¼	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.09½	—
Sulphocarbolate, NF, bbls...lb.	.24	.36
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15	—
l.c.l., works.....100 lbs.	5.50	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05	—
l.c.l., dlvd. except Pac. cst..lb.	.05½	—
ex whse., Pac. cst..lb.	.05½	—
Zirconium nitrate, kgs., works.lb.	3.00	- 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.	75.00	-100.00
kgs., small lots, works..lb.	.04¼	.04½
white, 98%, grd., kgs., works. lb.	1.40	- 1.53

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works..lb.	.16	—

B

Bakelite, gooks, BK, 3962, XK 6791, dms., 30,000 lbs.,works.lb.	.22½	—
15,000 lbs., works.....lb.	.23	—
5,000 lbs., works.....lb.	.23½	—
lacquer, XR 2342, dms., 30,000 lbs, works..lb.	.38	—
15,000 lbs., works.....lb.	.38½	—
5,000 lbs., works.....lb.	.39	—
3180, dms., 30,000 lbs., works..lb.	.59	—
15,000 lbs., works.....lb.	.60	—
5,000 lbs., works.....lb.	.61	—
4357, dms., 30,000 lbs., works..lb.	.55	—
15,000 lbs., works....lb.	.56	—
5,000 lbs., works.....lb.	.57	—
phenolic, 100%, BR, 254, bbls., 30,000 lbs., works..lb.	.45	—
15,000 lbs., works...lb.	.46	—
5,000 lbs., works...lb.	.47	—
1329, bbls., 30,000 lbs., works..lb.	.32	—
15,000 lbs., works...lb.	.33	—
5,000 lbs., works...lb.	.34	—
2987, bbls., 30,000 lbs., works..lb.	.32	—
15,000 lbs., works...lb.	.33	—
5,000 lbs., works....lb.	.34	—
3360, bbls., 30,000 lbs., works..lb.	.42	—
15,000 lbs., works..lb.	.43	—
5,000 lbs., works...lb.	.44	—
4006, bbls., 30,000 lbs., works..lb.	.55	—
15,000 lbs., works..lb.	.56	—
5,000 lbs., works....lb.	.57	—
4036, bbls., 30,000 lbs., works..lb.	.40	—
15,000 lbs., works..lb.	.41	—
5,000 lbs., works....lb.	.42	—
Bakelite, phenolic, 100%, BR, 9882, bbls., 30,000 lbs., works..lb.	.42½	—
15,000 lbs., works..lb.	.43½	—
5,000 lbs., works..lb.	.44½	—
8900, bbls., 30,000 lbs., works..lb.	.48	—
15,000 lbs., works..lb.	.49	—
5,000 lbs., works....lb.	.50	—
9476, bbls., 30,000 lbs., works..lb.	.28	—
15,000 lbs., works..lb.	.29	—
5,000 lbs., works....lb.	.30	—
XR, 4503, dms., 30,000 lbs., works..lb.	.56	—
15,000 lbs., works..lb.	.57	—
5,000 lbs., works....lb.	.58	—
modified, BR 302, dms., 30,000 lbs., works..lb.	.26	—
15,000 lbs., works...lb.	.26½	—
5,000 lbs., works...lb.	.27	—
2072, bbls., 30,000 lbs., works..lb.	.23	—
15,000 lbs., works...lb.	.23½	—
5,000 lbs., works...lb.	.24	—
2175, cns., 30,000 lbs., works..lb.	.23	—
15,000 lbs., works...lb.	.23½	—
5,000 lbs., works...lb.	.24	—
2963, bbls., 30,000 lbs., works..lb.	.24	—
15,000 lbs., works..lb.	.24½	—
5,000 lbs., works..lb.	.25	—
solutions, XJ, 180, dms, 30,000 lbs., works..lb.	.179	—
15,000 lbs., works.....lb.	.184	—
5,000 lbs., works.....lb.	.189	—
431, dms., 30,000 lbs., works, lb.	.226	—
15,000 lbs., works.....lb.	.231	—
5,000 lbs., works.....lb.	.236	—
2681, dms., 30,000 lbs., works..lb.	.22	—
15,000 lbs., works.....lb.	.22½	—
5,000 lbs., works.....lb.	.23	—
3100, dms., 30,000 lbs., works..lb.	.19½	—
15,000 lbs., works.....lb.	.20	—
5,000 lbs., works.....lb.	.20½	—
6000, dms., 30,000 lbs., works..lb.	.26½	—
15,000 lbs., works.....lb.	.27	—
5,000 lbs., works.....lb.	.27½	—
6389, dms., 30,000 lbs., works..lb.	.26½	—
15,000 lbs., works....lb.	.27	—
5,000 lbs., works.....lb.	.27½	—
7506, dms., 30,000 lbs., works..lb.	.30	—
15,000 lbs., works....lb.	.30½	—
5,000 lbs., works.....lb.	.31	—
8263, dms., 30,000 lbs., works..lb.	.22	—
15,000 lbs., works.....lb.	.22½	—
5,000 lbs., works.....lb.	.23	—
8264, dms., 30,000 lbs., works..lb.	.21½	—
15,000 lbs., works.....lb.	.22½	—
5,000 lbs., works.....lb.	.23½	—
8344, dms., 30,000 lbs., works..lb.	.43	—
15,000 lbs., works.....lb.	.44	—
5,000 lbs., works.....lb.	.45	—
Bronze gum, 1, dms., works..lb.	.11	—
3, dms., works.....lb.	.09	—

C

Cumar, AX, dms., works.....lb.	.06	—
BX, dms., works.....lb.	.06	—
CX, dms., gross weight, works, lb.	.05	—
DX, dms., gross weight, works, lb.	.04	—
EX, dms., gross weight, works, lb.	.04	—
FX, dms., gross weight, works, lb.	.05	—
MH, col. ½, dms., works....lb.	.12	—
1, dms., works.....lb.	.11	—
1½-2, dms., works.....lb.	.10	—
2½ and darker, dms., works, lb.	.09	—
MS, dms., works.....lb.	.10	—
P, 10°-90° C., col. 3 and darker, dms., works..lb.	.10½	—
RH, dms., works.....lb.	.10	—
RS, dms., works.....lb.	.10	—
special soft, dms., works...lb.	.10	—
V, col. ½, dms., works....lb.	.12	—
1, dms., works.....lb.	.11	—
1½-2, dms., works.....lb.	.10	—
2½ and darker, dms., works, lb.	.09	—
W, col. ½, dms., works.....lb.	.13	—
1, dms., works.....lb.	.12	—
1½-2, dms., works.....lb.	.11	—
2½ and darker, dms., works, lb.	.10	—

Cumar prices include frt. equald. with Pittsburgh; prices on contracts terminating December, 1937, are ¼c. per pound lower.

D

Durite,1.301 dms.,1 ton,frt.alld.lb.	.30	—
smaller lots, frt. alld....lb.	.35	—

G

G, resin, dms., gross weight, works, frt equal. with Phila., lb.	.084	—

G resin prices on contracts terminating December, 1937, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Guai-a-phene, 10-gal. cns., works, gal.	2.57	—
5-gal. cns., works.....gal.	2.62	—
1-gal. cns., works.....gal.	2.82	—
dms., works.....gal.	2.50	—

H

Hercolyn, dms. (nonreturnable), works..lb.	.22	—

J

Jozite (see Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, or red label, bgs., c.l., dlvd..lb.	.06¼	—
l.c.l., dlvd. E. of Rockies.lb.	.06½	—
Pac. cst., ex whse.....lb.	.06½	—
bbls., c.l., dlvd.....lb.	.06½	—
l.c.l., dlvd. E. of Rockies.lb.	.06¾	—
Pac. cst., ex whse.....lb.	.06¾	—

N

Nevillac, dms., works.....lb.	.16	—

Nevillac prices on contracts terminating December, 1937, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Neville resin, R-1 nevindene, col. ½, dms., works..lb.	.13	—
R-3, nevindene, col. 1, dms., works..lb.	.12	—
R-5, nevindene, col., 1½-2, dms., works..lb.	.11	—
R-6, nevindene, col., 2½-3½, dms., works..lb.	.10	—
R-7, N.P.S., col. below 3, dms., works..lb.	.12	—
R-8, N.P.S., col. below 3, dms., works..lb.	.12½	—
R-9, hard, col. ½, dms., works, lb.	.12	—
Neville resin, R-10, hard, col. 1, dms., works..lb.	.11	—
R-11, hard, col. 1½-2, dms., works..lb.	.10	—
R-12, hard, col. 2½ and darker, dms., works..lb.	.09	—
R-13, medium, col. ½, dms., works..lb.	.12	—
R-14, medium, col. 1, dms., works..lb.	.11	—
R-15, medium, col. 1½-2,dms., works..lb.	.10	—
R-16, medium, col. 2½ and darker, dms., works..lb.	.09	—
R-17, medium soft, col. 3½-8, dms., works..lb.	.10	—
R-19, medium soft, col. 3½-8, dms., works..lb.	.10	—
R-21, soft, col. 3½-8, dms., works..lb.	.10	—
R-22, special, soft, col. 3½-8, dms., works..lb.	.10	—
R-27, medium soft, col. 1, dms., works..lb.	.12½	—
R-28, medium soft, col. 1½-2, dms., works..lb.	.11½	—
R-29, medium soft, col. 2½ and darker, dms., works..lb.	.10½	—
R-41, phenester, col. 3½-5, dms., works..lb.	.17	—

Neville resin prices are freight equalized with Phila.; prices on contracts terminating December, 1937, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Nevillite, dms., works.....lb.	.35	—
oil, dms., works.....lb.	.45	—
Nevinol, dms., works.....lb.	.15	—
2 heavy, dms., works.....lb.	.11	—
Nuba, 1, 80°-95° C., dms., gross weight, works..lb.	.03	—
2, 100°-125° C., dms., gross weight, works..lb.	.03	—
3, 135°-150° C., dms., gross weight, works..lb.	.04	—

Nuba resin prices are freight equalized with Phila.; prices on contracts terminating December, 1937, are ¼c. per pound lower. Los Angeles and San Francisco ex whse., 3c. per pound extra.

Nuodex drier, cobalt, 4%, dms., dlvd. E. of Kas. City.....lb.	.19½	.21½
6%, dms., same basis.....lb.	.24½	.26½
8%, dms., same basis.....lb.	.32¾	.34
10%, dms., same basis.....lb.	.43	.43¾
cobalt 3%-lead 30%, dms, same basis..lb.	.20	—
cobalt 1%-zinc 10%, dms., same basis..lb.	.22½	—
copper, 4%, dms., same basis..lb.	.12	—
6%, dms., same basis.....lb.	.14	.16
iron, 4%, dms., same basis..lb.	.11	—
6%, dms., same basis.....lb.	.13	—
10%, dms., same basis.....lb.	.21	—
lead, 16%, dms., same basis..lb.	.10½	.11½
24%, dms., same basis.....lb.	.14	.18
32%, dms., same basis.....lb.	.18	.20
34%, dms., same basis.....lb.	.19	.20

lead 30%—cobalt 3% (see Cobalt).

lead 30%—manganese 3% (see Manganese).

manganese, 4%, dms., same basis..lb.	.12½	—
6%, dms., same basis.....lb.	.13	.14
8%, dms., same basis.....lb.	.18	.19
10%, dms., same basis.....lb.	.22	—
manganese 3%—lead 30%, dms., same basis..lb.	.17	—
mercury, 25%, dms., same basis..lb.	.55	—

Zinc Oxide—Tornesit

Nuodex drier, zinc, 5%, dms., same basis..lb.	.13	- .14
8%, dms., same basis.....lb.	.16½	- .17½
12%, dms., same basis.....lb.	.22	- .26

zinc 10%—cobalt 1% see (Cobalt).

P

Pliolite, milled, dms., 1 ton, works..lb.	.75	- —
smaller lots, works.....lb.	.79	- —
unmilled, dms., 1 ton, works.lb.	.66	- —
smaller lots, works.....lb.	.69	- —

S

Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.	35.00	- —

T

Tornesit, bgs., ton lots, works..lb.	.37	- —

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or co-operating branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Asphaltum:—Agency, Warsaw, Poland (4195).

Borax, Granulated, and Oxalic Acid in large crystals:—Purchase and agency, Rotterdam, Netherlands (422).

Chemicals, Industrial:—Agency, Havana, Cuba (4179).

Chemicals, Industrial:—Warsaw, Poland (4195).

Compound for Cattle Branding:—Purchase, Montevideo, Uruguay (4177).

Cosmetics, Toilet Preparations, and Pharmaceutical Specialties:—Agency, Havana, Cuba (4201).

Cosmetics and Pharmaceuticals:—Agency, Vienna, Austria (4174).

Cottonseed for Crushing:—Purchase, Santiago, Chile (4222).

Drugs, Medicinals, and Perfumery:—Purchase, Santiago, Chile (4176).

Gasoline in shipments of 400 to 500 cases:—Purchase, London, England (4211).

Lubricating Oils and Greases, and Kerosene:—Purchase, Bordeaux, France (4210).

Paints:—Agency, Paris, France (4190).

Resins, Urea-Formaldehyde: — Agency, Antwerp, Belgium (4175).

Rosin, and Carbon Black:—Agency, Warsaw, Poland (4195).

Tanning Extract, Chestnut:—Purchase and agency, Warsaw, Poland (4191).

Vegetable Oils: — Purchase, Havana, Cuba (4218).

Oil Trades Association of Philadelphia will hold its annual golf tournament at the Overbrook Country Club October 5.

For damp surfaces:

DUREZ 5949

2:20 — *Maple panel boiled for hour is removed from beaker, and water wiped off. Photos not retouched.*

2:20¼—*15 seconds later. Durez 5949 brushed over wet panel. Film dries slightly slower, but shows very good adhesion.*

Dairies, laundries and boats of all kinds present damp surfaces that are hazardous to ordinary enamels. But if you use a Durez 550 enamel—similar to 5949—you can recommend it for the dampest surfaces without hesitation.

Master painters and maintenance men welcome this peculiar property of 5949, for it saves time and possible failures. And you can dramatize this adhesion in literature and demonstrations, as shown in the unretouched photos above, making your enamel stand out over competition.

Besides, there are other unique features in this white enamel. It has extra fullness, excellent gloss and gloss retention. It is non-yellowing, non-skinning, and very durable. It dries in 5-6 hours.

Get a wet sample of this Durez 5949 formulation and verify these claims. Address General Plastics, Inc., 410 Walck Road, North Tonawanda, New York.

DUREZ

PHENOLIC RESINS

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

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Vol. 132 October 4, 1937 No. 14

Although dismal dissertations about an unprecedented Summer slump in business were circulated quite widely with reference to the situation in August, the records for that month indicate that the gloom was wholly of internal origin with the gloomers. In the center of business activities—the realm of production—conditions were not at all bad in August. The records show an increase of 2.6 percent from the preceding month, a gain of 8.3 percent in comparison with August, 1936. The only ones who can find gloom in that record are those who are trying to promote another depression.

Business Good At the Hub

The iron and steel industry showed a gain in activities of 17.5 percent over August, 1936. The automobile industry had curtailed its buying a little to catch up on inventories, but practically every other industry using iron or steel was running ahead of last year, shipments of fabricated structural steel reaching a new high for the year. Meat packing was off almost 19 percent for reasons well known to everybody who wants to buy meat.

Construction contracts were larger than in August, 1936; but there was a significant trend toward decreased residential building. Building permits turned upward. Production of electricity for public use showed a gain of 10 percent—manufacturers' sales of refrigerators totaled 21 percent more. Manufacturers' sales of automobiles were up 8.5 percent from the August, 1936, figures. Sales by manufacturers in all lines were up 14 percent; the petroleum industry showed a gain of 6.4 percent; but sales of chemicals and related articles were off 2.2 percent. Railroad carloadings were larger by almost 5.5 percent in August, this year, in spite of an increase of 11.5 percent reported for truckloadings.

Employment in manufacturing industries made a small gain in August. It stood above the 1923-25 average and was 9.3 percent above the August, 1936, level. Employment in the capital goods industries slipped off a little. The chemical and related industries continued to stand well up in the employment ranking, showing a gain from 1936 of more than 10 percent in workers and more than 30 percent in payrolls.

These, not Wall Street's, are the records at which to look.

People were buying what industry was making in August. There was no buying slump; although high prices cut down purchases of foods. There was little talk of bad business with the ultimate consumer, except within the shadow of stock exchanges. That lack of gloomy foreboding is significant, because it is buying by consumers that makes business. The rim of the wheel is in contact with the ground.

Good Also At the Rim

Wholesale trade reflected the buying activity of the general public, wholesalers in general reporting their August sales to be 6 percent larger this year; drug wholesalers reporting a gain of 9.6 percent; paint wholesalers, 3 percent. Wholesale prices averaged 5.5 percent above August, 1936, levels; first-hand prices of chemicals, oils, and drugs were up not quite 3.5 percent.

August records of retail sales present several interesting points. Department store sales were up 4 percent from 1936 records but the gain was not uniform, there being a loss of 2 percent in Philadelphia and a gain of 10 percent in Dallas. Against this it is significant, especially for those who like high prices, that sales by chain grocery stores were off 3 percent and sales by independent food stores in fourteen States were off 2.5 percent. Full comparison is not possible, because of the different areas covered, but these records are significant also of diminishing importance on the part of the chain store. This is borne out by the records that show a gain of 1 percent in August sales by chain drug stores and one of 3.6 percent by independent drug retailers in the fourteen States recorded.

There is another contrast that is significant in the August retail sales records. Comparable data show an average gain of 7.2 percent in independent filling station sales against a loss of almost 3 percent in sales by independent grocers in the same localities. Of course, many people went motoring in August and many drew upon their gardens for foodstuffs. But, the factor of relative price levels cannot be disregarded.

Farmers had a marketing income in August that was 1.7 percent larger than that in the 1936 month. They got less money in the way of government bonuses, subsidies, and the like of those. They were busy harvesting. But they had time and inclination to spend their money, and retail sales in rural regions were 2.7 percent larger than those in August, 1936. These sales were less than last year's in the East and in the South; they showed the biggest gain in the Far West.

All through these records, woven into the cloth of gold that they offer to business, run a few threads of lead, dull and heavy. Regional comparisons indicate how the base metal got in. Those who would know may check the records with regard for the spheres of influence of security and commodity markets. These, and all others, may well take thought of the wisdom of active opposition to influences that have no reason to exist. Keep mud off the rim of the wheel.

—O-P-D—

In a recent public address the Secretary of Commerce made an able plea for the coordination of governmental and business activities. The desirability of this cannot be denied; but coordination demands a fully capable coordinating agency. In governmental efforts to date, this has not always been provided.

Tip for Coordinators

In the course of his talk the secretary said:—"Our competitive system should become a more effective instrument for self-regulation and thus minimize the necessity for legal restraints to safeguard good business and the public." There is a lesson in that sentence for both sides in respect of equitable coordination.

—O-P-D—

Gradually, but generally, the Federal Trade Commission is extending its activities directed to the prohibition of deceptive acts in commerce. The commission still awaits the greater authority in this direction that is proposed in legislation pending in Congress. Doubtless it will be given this authority. Meanwhile it relies on the theory that whatever is deceptive of buyers is illegally disadvantageous to competitors, and therefore comes within the purview of existing statutes from which the authority of the commission is derived.

One Law Is Enough

This theory is sound. The seller who fools a buyer is clearly at an advantage in competition with another who believes in honest dealing and gives honest values. It would be unnecessary specifically to extend the commission's powers if the courts could be relied upon to apply economic common sense to the interpretation and application of laws having to do with economic matters. If a balance could be struck of the attitudes of courts in this respect, it would probably be found that not all the objection to judicial economic theories lay in connection with those which are of comparatively recent popularity. It is clear in many instances that the basic public interest is buried under statutory phraseology that defeats what should be the purpose of even fair trade laws.

The point for particular consideration is the possibility now for the commission to attack untruthful or misleading representations, a possibility that will be greatly increased by the enactment of the legislation to specify the public interest as one of the objectives with which the commission may concern itself. The corollary is that puzzle of why with still more minute specificity it is proposed that the commission shall have authority to attack false or misleading representations with reference to foods, drugs, and cosmetics.

Somebody is going to apply this subdivision of stated authority with reverse English—and more than one learned judge is likely to give favorable consideration to the point. It has been done before. It goes like this:—Congress granted the commission authority to deal prohibitively and punitively with deceptive acts in trade. That is a general grant of authority. Congress specifically granted the commission authority to deal prohibitively and punitively with advertising of foods, drugs, and cosmetics. It granted no such specific power with respect to the advertising of "silk crepe" or "white pine" boards. Therefore—counsel probably would say "Ergo"—the intent of Congress was not to include advertising in the general category of deceptive practices. Hence there is no statutory proscription against any advertising other than that for which specific authority has been granted.

What in common sense can be the reason for setting up two statutes to do the work of one? There are far too many laws for anybody to observe and for anybody to enforce. Boiling down would be much better than blowing up their number. Two laws on one subject always quadruple the difficulty of efficient enforcement. Bureaucratic jealousy is handicap enough in itself without being given more than one big sword to stumble over.

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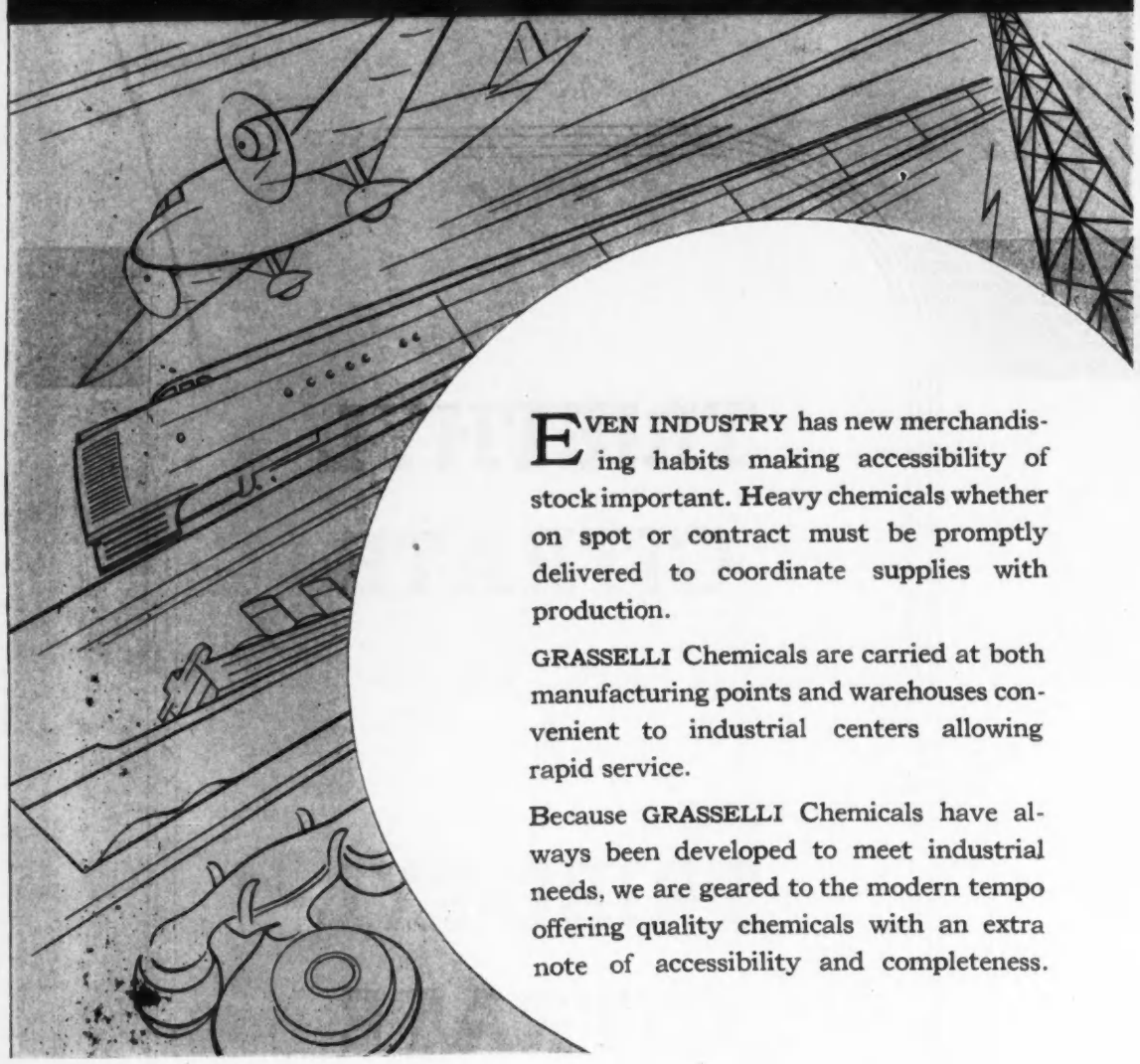

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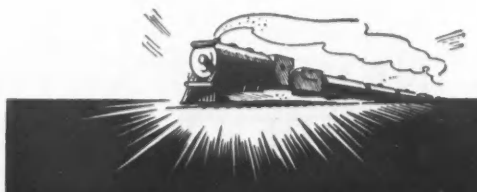

SERVICE From Coast to Coast

Saltcake Dumping by Germany Not Found

WASHINGTON, Sept. 30, 1937.

The Treasury Department has declined to make a finding that crude sulphate of soda (saltcake) imported from Germany is being sold in the United States below prevailing prices in the country of origin in violation of the antidumping act of 1921.

Appraisals of German saltcake have been suspended since December, 1933, pending investigation by the Bureau of Customs of charges of dumping, and in a letter, signed by Josephine Roche, Acting Secretary of the Treasury, appraising officers are now ordered to proceed with their appraisements without regard to any question of dumping.

The letter follows:—

Following the receipt of complaints by manufacturers and producers of sodium sulphate, crude (saltcake) from Germany and by reason of the issuance by a number of appraising officers of notices of withheld appraisement, advising that they are withholding appraisement of certain invoices covering this class of merchandise from Germany, in accordance with the provisions of the antidumping act, 1921 (U.S.C., title 19, secs, 160-173, inc.) and the regulations made in pursuance thereof, an investigation was made to determines whether this class of merchandise from Germany has been or is being dumped on the United States market.

After careful consideration of the evidence gathered in this case, I have reached the conclusion that a finding of dumping with respect to sodium sulphate, crude (saltcake) imported from Germany is not justified and I must decline to issue such a finding.

Accordingly, appraising officers are authorized and directed to proceed with their appraisement reports without regard to any question of dumping, and you are instructed to communicate this decision to collectors of customs and other concerned.

Paint Technicians Will Meet October 24 to 26

(Continued from page 5)

Report from Southern Federation Associates, A. P. Mills, chairman.
Committee reports—
By-laws, K. J. Howe, chairman;
Cost accounting, J. O. Kaser, chairman;
Golf, D. T. Smith, chairman;
Membership, J. A. Fredrickson, chairman;
Memorial, William P. Werner, chairman;
Paint show, R. E. Prince, chairman;
Plant managers', E. V. Ladd, chairman;
Program, R. J. Smith, chairman;
Publicity, A. E. Stauderman, chairman;
Scholarship, K. J. Howe, chairman;
Technical advisory, E. A. Stoppel, chairman;
Report of nominating committee.
Election of officers.
9:00 p.m. Paint show closes.

Tuesday, October 26

8:00 a.m. Paint show opens.
9:00 a.m. Club papers:
(9) Philadelphia Club—"Kauri-Butanol Values for High Solvent Mineral Spirits."
(10) Pittsburgh club—"The Leafing and Leaf Retention of Aluminum Paints."
(11) Toronto club—"Practical Methods of Eliminating Floating in Brushing, Spraying and Air-Dry Enamels."
(12) Montreal club—"Loss of Drying Strength of Linseed Oil with Different Pigments."
11:00 a.m. Dr. H. A. Gardner, director of the Institute of Paint and Varnish Research.
Club papers:
(13) Western New York club—"Raw Material Testing in a One Man Paint Laboratory."
2:00 p.m. Open forum—Plant Managers' Committee.
[Some fifty or more questions are scheduled for discussion in the open forum. These questions will be printed in a later issue of the REPORTER.]
6:00 p.m. Paint show closes. [The paint show will be open October 27 and 28 during the N.P.V.L.A. meeting.]
7:00 p.m. Annual banquet.
Address of newly elected president.
American Paint Journal award.
Drugs, Oils and Paints award.
National Paint Bulletin award.
Toronto golf trophy award.
Entertainment.

Golden Gate Paint Ass'n Elects

At the annual meeting of the Golden Gate Paint, Varnish and Lacquer Association, San Francisco, September 17, the following officers were elected:—President, James G. Yates; vice-president, H. S. Margetts; secretary-treasurer, E. W. Bacigalupi; executive committee, A. W. Scott, John Morris, T. H. Zappert, and W. C. Loughlin.

Heavy Chemicals

Further Reduction in Lime Acetate—Acetic Acid Schedules Again Revised Downward—Lead Acetate Lower—Tin Salts Reflect Decline in Straits Tin—Copper Derivatives Easier

The dull state of demand in the market for industrial chemicals became more pronounced during the week just closed. The slower call reflected the termination of the third quarter and a generally conservative buying policy all along the line regarding fourth quarter withdrawals. There was little talk concerning 1938 contracts. Changes included an advance in saltcake, a decline in lime acetate, acetic acid, lead acetate, oxide and carbonate of copper and tin derivatives.

The final week of the third quarter found manufacturing consumers of industrial chemicals showing little interest in commitments, unless needs reached an imperative stage. This unexpected backslide in general business, sponsored to a great extent by severe break in securities, together with uncertainty originating from political Washington and the continuance of labor agitation, has brought about the development of a conservative buying policy. This uncertainty has resulted in little discussion being given to 1938 contract prices, opinions in the trade leaning to the belief that contract writing will not get under way until the latter part of November, if then.

The sharp break in Straits tin in the London market, caused mainly by the dumping of stocks on the report that the Far East was a heavy buyer, brought about a lower price schedule for the various tin derivatives. Reduction in lime acetate was the second consecutive decline within the same number of weeks. Lower prices for blue vitriol, copper carbonate and copper oxide reflected the decline in the basic metal. Reports from manufacturing industries were that operations were being held to conservative levels; in fact, steel production was lower and a prominent copper producer curtailed operations about 20 percent. However, talk continued to be heard to the effect that automobile production in 1937 will reach 5,000,000 units.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony metal, ⅛c. per lb.
Saltcake, imported, $3 per ton.

Reduced

Acetic acid, 7c. to 27c. per 100 lbs.
Blue vitriol, 15c. per 100 lbs.
Calcium acetate, 15c. per 100 lbs.
Copper carbonate, 50-52 p.c., 1c. per lb.
metal, 1c. per lb.
oxide, black, 1c. per lb.
Lead acetate, 1½c. per lb.
Soda stannate, 1c. per lb.
Tin crystals, 1c. per lb.
tetrachloride, anhydrous, 1¼c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week	Prev. week.	Last month.	Last year.
154.4	154.4	154.4	153.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.7	99.8	99.8	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—Business in commercial and iron-free sulphate continued at a fair pace throughout the week. Quotations displayed a firm tone. Ammonia and potash alums were in fair demand. July exports amounted to 5,729,280 pounds, valued at $59,147, of which Canada consumed 4,440,804 pounds; Mexico, 62,000 pounds; Cuba, 153,076 pounds; China, 784,000 pounds, and Philippine Islands, 256,200 pounds.

Ammonia, Anhydrous.—A substantial demand was noted in this direction during the week, sellers reporting prices were decidedly firm at previous levels.

Ammonia, Aqua.—Business in this market continued at a fair pace during the week. No change was disclosed in prices.

Ammonia Nitrate.—Demand was fair throughout the week. Prices were well held. July imports consisted of 111,994 pounds from Belgium and 386,660 pounds from Norway.

Ammoniac, Sal.—A firm tone prevailed in this market again last week, sellers reported quotations were decidedly firm. July imports of ammonia chloride amounted to 856,311 pounds, valued at $24,349, of which Belgium shipped 165,623 pounds; Germany, 660,286 pounds; Poland and Danzig, 24,802 pounds, and United Kingdom, 5,600 pounds.

Antimony.—A slight advance was noted in this market, sellers were quoting 17⅜c. per pound for spot shipments. Estimated production of antimony in Hunan in August, as given by the Hankow Foreign Trade Office of the National Resources Commission, was 780 long tons of regulus, 100 tons of oxide, and 180 tons of crude. The commission reports stocks on hand at the end of August totaling 2,345 tons, against 1,980 tons in July, of which the mines held 280 tons of regulus, 20 tons of oxide and 200 tons of crude; Changsha held 1,300 tons of regulus, 75 tons of oxide, and 350 tons of crude; Hankow held 100 tons of regulus, no oxide or crude. The total shipments of antimony in August by water from Changsha were estimated at 350 tons of regulus, 15 tons of oxide and 5 tons of crude. Cable from the American consular offices at the two chief exporting ports, Hankow and Shanghai, reported no declared exports of antimony from China to the United States in August. Local estimates place Shanghai antimony stocks at 500 tons, mostly regulus.

Antimony Oxide. — This market presented little change during the week, sellers reported demand was good and prices ruled steady to firm.

Arsenic. — A fair demand was reported in this direction again last week, sellers reported no change in the prices. July imports amounted to 6,669,895 pounds, of which Belgium shipped 291,011 pounds; France, 255,584 pounds; Sweden, 3,458,930 pounds; Canada, 60,370 pounds; Mexico, 2,489,254 pounds, and Japan, 114,688 pounds.

Barium Salts. — A steady to firm tone prevailed in this direction again last week, prices were unchanged. The call for chloride was fair and there was a fair demand for carbonate. July imports of barium compounds amounted to 186,403 pounds, valued at $4,875.

Bleaching Powder. — A favorable demand was reported in this market again last week. Sellers were holding to previous prices.

Blue Vitriol. — This market noted a net decline of 15c. per 100 pounds for the week, sellers having reduced prices Tuesday, 25c. per 100 pounds, followed by an advance of 10c. per 100 pounds Wednesday. The new schedule lists car lots on the basis of $5 per 100 pounds. Revision in price was due to the break in the metal price.

Calcium Acetate. — A further reduction of 15c. per 100 pounds was noted in this market, sellers were asking $1.95 per 100 pounds.

Calcium Chloride. — An irregular call was reported in this market again last week. No change was uncovered in quotations. July exports amounted to 2,268,995 pounds, valued at $23,268, of which Canada consumed 2,063,044 pounds; Cuba 107,773 pounds; Colombia, 22,450 pounds, and South Africa, 20,000 pounds.

Copper.—Early in the week the price of copper was reduced 1c. per pound to 13c. per pound, and Wednesday one custom smelter listed a price of 12c. per pound, which was followed by a withdrawal of that price Thursday in favor of 12½c. per pound. None of the leading domestic copper producers followed the lead of one custom smelter in reducing the price below the 13c. per pound level. Reports from Douglas, Arizona, stated that a prominent copper producer initiated a curtailment program which amounts roughly to a reduction of 20 percent in output. This curtailment of production, by any domestic producer, was started about ten

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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Copper Salts.—A decline in copper carbonate was noted in this market, sellers were quoting 16½c. to 17½c. per pound, on the basis of a 13c. per pound copper market. Black copper oxide was also reduced to 17c. to 17½c. per pound, according to quantity. Lower prices could be attributed to the reduction in the basic metal.

Copperas.—A decidedly firm tone ruled in this market during the week; usual consumers supplied the interest. Steel operations were at 74.4 percent of capacity, against 76.1 percent in the previous period.

Fluorspar.—A decidedly firm tone governed the activities in this market again last week. The firm character of the price tone was the result of the statistical position of the stocks in sellers' hands.

Lead Acetate.—Prices were reduced 1½c. per pound, reflecting the recent decline in basic costs.

Manganese Ore.—Prices were nominal, because of the scarcity of material. Exports of manganese ore from Rio de Janeiro during July totaled 16,785 long tons, of which 16,300 tons were shipped to the United States and 485 tons to Holland. Stocks on hand by various firms on July 31, 1937, totaled 39,197 tons, according to the United States Consul at Rio de Janeiro. A report from the consul general at Guayaquil stated that two American citizens recently obtained in Ecuador a concession on 16 manganese mining claims, said to comprise 1,600 acres. They estimate that 75 million tons of ore are available, some of which assay from 49 to 63 percent manganese. However, some other mining engineers, after examination of the property, state that the deposits are not of commercial importance. Among the terms of the stringent 30-year concession are provisions that the grantees build a pier at Puerto Bolivarm costing about $1,000,000, to receive ships drawing 30 feet of water, and that the grantees must prospect and explore the claims within one year, work the mines within four years, and deposit $100,000 in the Central Bank of Ecuador and $300,000 in a New York bank. The grantees are exempt for 15 years from import duties on construction materials and may consign the concessions to a company or several companies.

Nickel Salt.—A firm tone prevailed in this market again last week, the plating trade continued to order out supplies for nearby production requirements. No change was disclosed in quotations.

Potash Carbonate. — A fair demand was reported in this market at times during the week, prices ruled firm. July imports consisted of 62,161 pounds from Germany; 11,023 pounds from Netherlands, and 392 pounds from Hongkong.

Potash, Caustic. — Shipments were moving against contracts at a fair pace throughout the week. No change was disclosed in quotations. July imports amounted to 191,997 pounds, of which Germany shipped 176,278 pounds; Sweden, 15,619 pounds, and Japan, 100 pounds.

Potash Chlorate. — Business in this market was extremely quiet, routine consumers were covering for actual wants only. July imports of chlorate and perchlorate amounted to 968,718 pounds, valued at $36,670, of which France consumed 24,640 pounds; Germany, 914,523 pounds; Sweden, 18,915 pounds, and Switzerland, 10,640 pounds.

Saltcake.—Price for imported saltcake was listed at $15 per ton. The Treasury Department, in a decision handed down September 17, stated that the dumping charge against German saltcake was not sustained. Chile possesses immense reserves of sodium sulphate, but at present (1937) production

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is small compared with that of the United States and Germany. Chilean saltcake is obtained directly from natural deposits and also as a by-product in manufacturing sodium nitrate from caliche. In 1933 four concerns, using hand labor, were engaged in mining salt cake from natural deposits. These concerns produced low-priced crude saltcake, unsuitable for a number of uses. Many shipments contained less than the 96 percent content of sodium sulphate required for use in the sulphate pulp industry. Present production from natural deposits is believed to be small.

In 1932 a large producer of sodium nitrate began to recover the sodium sulphate produced in the extraction of sodium nitrate from caliche. Since caliche contains 5 to 15 percent of sodium sulphate, the potential output of saltcake by this process is very large. Saltcake produced from caliche is in the form of a fine powder. It is reported to be of good grade, with high content of sodium sulphate, and about 1.3 percent of sodium chloride, 0.5 percent of sodium nitrate, and 0.01 percent of iron. At least one other large concern in Chile produces sodium nitrate by the same process. However, it is not known whether this concern recovers saltcake from caliche. In any case, it is apparent that with the large production of sodium nitrate in Chile, the output of saltcake could be greatly expanded if market were available for it. The production of saltcake from caliche is at present comparatively small, being reported at 59,500 short tons in 1934 and 67,200 tons in 1935, and practically all of the output is sold abroad. The location of the Chilean deposits within 100 miles of the seaboard favors exploration, but the product must be transported a great distance, to the principal markets in the Baltic countries.

Very little saltcake is exported from Chile to the United States. This may be due in part to the reported lack of direct shipping facilities between Chile and the Gulf markets. The principal Chilean producers, who are practically financed by English capital, are known to have special agreements with the European Salt Cake Association. It is possible that the Chilean producers, as well as the English members of the European Salt Cake Association, confine their exports of saltcake to the Baltic countries by virtue of agreements under the European cartel, according to a survey by the United States Tariff Commission.

Soda Ash.—A good demand continued in evidence in this market during the week. Sellers reported prices displayed a firm tone.

Soda, Caustic.—This market offered little variation from recent weeks, usual consumers were ordering out supplies for nearby production requirements, and prices were unchanged.

Soda Cyanide.—Business continued on a favorable scale throughout the week, sellers reporting prices ruled firm at previous levels. The plating trade was covering for actual production requirements.

Soda Silicofluoride. — The ceramic trade and other usual consumers were withdrawing shipments in conservative volume throughout the week. Prices were in line with quotations in effect previously.

Soda Silicate.—Shipments were moving against contracts to the paper box trade and other usual channels of consumption at a fair pace. Prices were firm.

Tin Salts.—Prices for tin crystals were reduced during the week, as well as the price for anhydrous tetrachloride of tin, reflecting the decline in Straits tin to 55⅝c. per pound. On a report that the Far East was buying, heavy quantities of tin were released in the London market, causing a severe break.

Tungsten Metal, Powder.—Prices were strictly nominal for this and other tungsten derivatives. During the second quarter of 1937, production of wolframite ore in Kwantung, now the only source of supply for the Canton office of the Wolfram Industry Administration, totaled about 750 long tons. Private producers, who are permitted to sell only to the Administration, are paid at rates far below world prices which does not encourage increasing output. The entire 3 months' output was shipped from Canton, and no stocks were for sale, according to the American consular offices at Canton. Reports from Hankow stated that although information concerning tungsten-ore production is now available, it is believed that monthly output during the second quarter of 1937 remained at 50 to 100 long tons in Hunan and 500 to 600 tons in Kiangsi. Metal dealers estimate that tungsten ore shipments from Changsha during the quarter totaled 150 tons, all in the month of May.

Urea. — Business continued quiet. Prices were steady. Because the high duty imposed on urea had limited the industrial applications of the chemical, the Argentine Government has decreed that an impure denatured grade of urea shall be assessed on the basis of declared value, instead of the former arbitrary valuation of many times the market price in certain countries. It is estimated that the new method of assessment will result in a duty rate slightly under 50 percent of the declared valuation. Pure urea will be assessed at the former rate of valuation. One reason advanced for lowering the tariff on impure urea is to further the use of a process for wrinkle-proofing synthetic fibre textiles, according to the assistant trade commissioner at Buenos Aires.

Acids

A sharp decline was noted in prices for acetic acid again last week. The lowering of the prices could be attributed to a further reduction in lime acetate. Demand for sulphuric acid continued good, prices were holding firm. There was little to report in oxalic acid, prices holding firm and demand was considered fair. Business in muriatic acid was along conservative lines, consumers were covering for immediate wants only. Business in nitric acid continued irregular. Prices were firm. Battery, and boric acids moved out in fair volume. Chromic acid takings by the plating trade held up well.

Acetic.—A decline of 7c. to 27c per pound was noted in this market again last week, reflecting another decline in lime acetate.

Battery.—A fair demand continued in evidence in this market. Prices ruled firm.

Boric.—A decidedly firm tone prevailed in this direction, contract withdrawals held up fairly well.

Chromic.—Buying by the plating trade continued fairly good. No change was noted in quotations.

Formic.—This market revealed little change during the week, shipments were moving out at a fair pace, and prices were firm.

Lactic.—Demand was fairly good at times during the week, a firm tone was in evidence.

Muriatic.—Shipments were moving against contracts at a good pace throughout the week. Prices remained firm.

Nitric.—This market presented little change from recent weeks, in that consumers were covering for nearby needs. Quotations were unchanged.

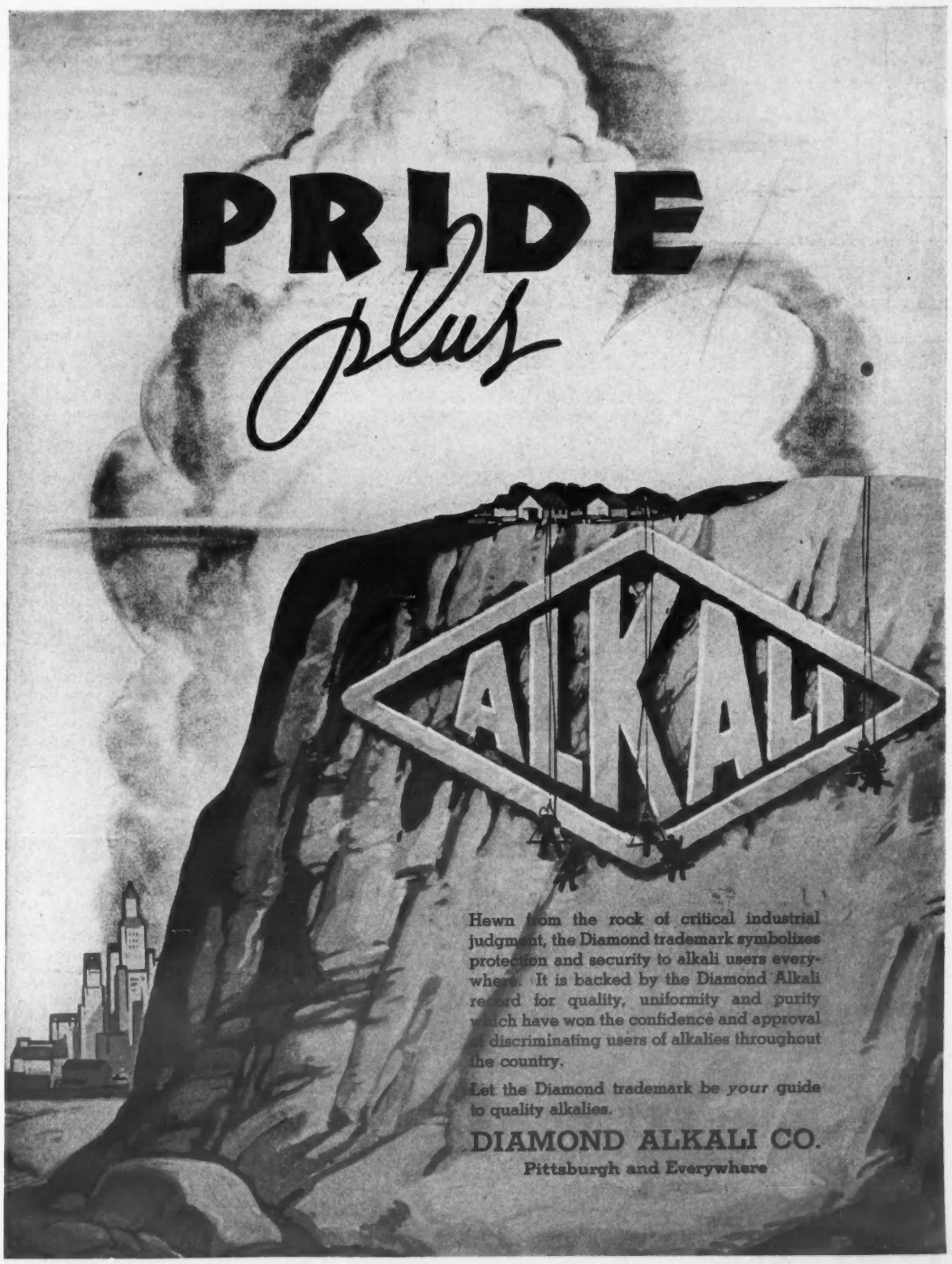
Oxalic.—A firm tone was a prominent factor in this market again last week. No change was disclosed in quotations.

Sulphuric.—An active inquiry was reported for this product again last week. Prices ruled firm. Steel mill operations were lower. The only official statistics on the Brazilian sulphuric acid industry relate to the State of Sao Paulo, where the bulk of production is centered. Output for Sao Paulo during 1935 was reported at 7,874 metric tons. A list of producers shows 4 plants in Sao Paulo, and 1 each in Federal District, Rio Grande do Sul, and Minas Geraes, according to the assistant trade commissioner at Rio de Janeiro.

Baltimore, Sept. 29.—With the demand for sulphuric acid still active and evidently in excess of the output, the market retains its firmness, resisting all efforts to push it down to a lower level. Though the requirements of manufacturers of fertilizer mixtures are relatively small because of the lateness of the shipping season, other buyers evidently have needs so large as to prevent any easing off in the quotations, despite the additions to production that have been made, and the prices named or rather realized continue above the nominal figures mentioned, which stand at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. Some speculation is indulged in over this firmness in the face of the fact that production of steel, among other commodities, has fallen off in a notable way, which would suggest that the mills ought to be using less acid. It may be, of course,

(Continued on page 33)

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7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Coaltar Chemicals

Benzol and Phenol Firm—Crude Naphthalene Continues Slow —Phthalic Anhydride Active—Good Call for Cresylic Acid —August By-Product Output Shows Advance

Business in the market for coaltar chemicals slowed down slightly during the week just ended. The slight slackening in demand could be attributed to the adoption of a more conservative buying policy in manufacturing quarters. This conservatism was based on the slump in security values, the uncertainty originating from political Washington and labor agitation. However, prices generally were steady to firm.

Benzol and phenol continued as the active features. Although the domestic call slowed down somewhat, sellers reported the presence of a heavy export inquiry. Automobile makers were purchasing in a conservative manner, resulting in a fair demand for toluol. Xylol and solvent naphtha held firm. Little activity was noted in crude naphthalene, and talk regarding 1938 contract prices was not heard, with both buyers and sellers awaiting more definite signs of the trend 1938 business will take. Refined naphthalene prices were firm, with activity centered on writing contracts the price schedule of which is the same as in 1937. Phthalic anhydride was decidedly firm.

Coking coal charged in by-product ovens in August amounted to 6,491,741 tons, against 6,280,944 tons in July and 5,484,200 tons in August last year. Total for the first eight months was placed at 49,694,511 tons, against 40,116,100 tons in the same period last year, according to the Bureau of Mines. Tar recovery in August amounted to 57,516,825 gallons, against 55,647,183 gallons in July and 51,890,012 gallons in August last year. Total for the first eight months was 440,293,367 gallons, against 355,428,646 gallons in the corresponding period a year ago. Light oil production was estimated at 18,890,966 gallons, against 18,277,547 gallons in July and 15,959,022 gallons in August last year. Total for the first eight months was 140,611,027 gallons, against 116,747,651 gallons in the same period a year ago. Ammonia sulphate, or its equivalent, was produced to the extent of 71,499 tons, against 69,204 tons in July and 60,465 tons in August last year. Total for the first eight months was 551,670 tons, against 440,417 tons in the corresponding period last year.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	126.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Demand continued at a good pace throughout the week just closed, sellers reported prices were decidedly firm at the levels in force previously. Steel operations were reported at 74.4 percent of capacity, against 76.1 percent in the previous week, according to the American Iron and Steel Institute. A month ago operations were at 84.1 percent and a year ago at 75.4 percent. Benzol production in August was 11,144,339 gallons, against 10,762,000 gallons in July and 9,247,000 gallons in August last year. Total for the first eight months amounted to 82,827,339 gallons, against 66,208,000 gallons in the same period last year. For two successive months both production and stocks of coke have shown an advance over the preceding month. The total output of beehive and by-product coke for the month of August amounted to 4,829,862 tons, or 157,408 tons per working day, an increase of 2.5 percent when compared with the July rate of 153,611 tons. The gain was a reflection of the improvement in the iron and steel industry, where the daily rate of pig iron output increased 3.1 percent during the same period. Production of by-product coke for the 31 days of August was 4,571,062 tons, an average of 147,454 tons per day. In comparison with the July rate of 142,649 tons, there was a gain of 3.4 percent. Unhampered by labor disturbances, the daily rate of production at furnace plants rose 4.6 percent. At merchant plants there was a decline of 0.3 percent. Output of beehive coke declined sharply, the average daily production for the month being 9.2 percent less than that of July. Stocks of coke at merchant plants increased 15.5 percent, while those at furnace plants rose only 5.2 percent. At the rate of production in August, total by-product stocks were sufficient to last 15.2 days, in comparison with 14.2 days' supply at the close of July.

Cresol.—A fair buying movement was in evidence in this market again last week. Prices were firm at the levels in force previously. Consumers were withdrawing full contract allotments.

Cresylic Acid.—A decidedly firm tone prevailed in this market again last week. Shipments were moving out in good volume to the synthetc resin industry and other routine consumers. Sellers reported prices in effect previously, with a good volume of business on the books for forward delivery.

Creosote Oil.—This market showed little change throughout the week. Routine buyers including the major railroad systems and the public utility companies were ordering out sizable quantities against contracts. Prices were decidedly firm.

Naphthalene.—Business in the market for crude naphthalene revealed little change during the course of the week just ended. Consumers were covered for the fourth quarter, and therefore little interest was noted in the spot market, offerings ranging around $2.20 to $2.25 per 100 pounds for immediate shipment. Little talk has been heard regarding 1938 business. Both sellers and buyers were apparently awaiting further general developments regarding the trend of business in 1938 before discussing contracts. Prices for refined naphthalene were decidedly firm. Sellers reported substantial progress in renewing contracts.

Phenol.—A good demand was noted in this market from domestic consumers, but the pace was not quite up to that of recent weeks. However, a heavy export inquiry continued in the market. Quotations were decidedly firm at the levels in force in the preceding period.

Pyridin.—A firm tone was in prominence in this market again last week. Sellers reported a good demand was noted.

Solvent Naphtha.—Business in the market for industrial water white solvent naphtha continued at a good pace throughout the week. Prices were firm. The call for high flash naphtha was fair and no change was disclosed in the market pricewise.

Toluol. — Demand continued fair throughout the week. Reports from Detroit stated that the automobile industry was ordering out supplies in a conservative fashion, with the general estimate that 5,000,000 units would be produced for the 1937 year total. Prices displayed a firm tone in the toluol market.

Xylol.—A decidedly firm tone was noted in this market again last year. Demand was considered fair.

Chicago Coaltar Bases

CHICAGO, Sept. 30.—Growing steadiness in the benzol market, particularly motor benzol, is a factor noticeable in the coaltar bases. Motor benzol is desired as blending agent in motor fuel. Tuluol is in fair call. Xylol also is moving fairly well. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10c. to 10½c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.— A fair demand was reported in the market for technical material, prices were firm and sellers re-

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

ported refined product was firm at the levels established in the previous period.

Benzoic.—Little activity was in evidence in this market again last week; usual consumers were covering for actual wants only. Prices were firm.

Gamma.—A fair amount of business was transacted in this market again last week. No change was disclosed in quotations.

Salicylic.—Shipments were moving against contracts at a good pace throughout the week just closed. Prices were well maintained.

Sulphanilic.—Important developments were lacking in this market again last week, usual buyers were withdrawing supplies for nearby requirements and prices were held at the levels in force previously.

Tobias.—Shipments were moving against contracts at a fair pace throughout the week. Prices were in conformity with the schedule in effect previously.

Other Intermediates

Alphanaphthol.—Demand continued at a fair pace throughout the week. A decidedly firm tone was in evidence.

Anilin Oil.—Although consumers were purchasing in conservative fashion sellers reported the movement was fair for this period of the year. Prices were decidedly firm.

Betanaphthol.—Shipments were moving against contracts at a good pace throughout the week; usual consumers were covering for nearby production requirements. Prices were in line with the quotations in effect in the previous period.

Dinitrobenzene.—A favorable call was noted in this direction again last week; sellers were holding firmly to the quotation in order previously.

Dinitrotoluene.—Although the market showed a tendency to slow down at intervals during the week, the irregularity in the call failed to have an influence on the market pricewise.

Metatoluylenediamine.—This market presented little change from recent weeks in that consumers were covering when needs reached an urgent stage, but prices were well maintained.

Nitrobenzene.—Continuance of an irregular call was noted in this market, but the irregularity in the buying failed to disturb the decidedly firm price tone.

Orthodichlorobenzene.—A good buying movement was reported in this market again last week; sellers were holding firmly to quotations in order in the previous period.

Phthalic Anhydride.—Shipments were moving out at a good pace throughout the week, with buyers withdrawing full contract commitments, and prices were decidedly firm.

R Salt.—A dull and featureless market was noted here again last week; sellers, however, reported prices were firm.

Schaeffer's Salt.—Despite the dull character of the call, with a few small quantities making up the call, sellers reported prices appeared in a firm position.

Coaltar Colors

Business in the market for coaltar colors was fair throughout the week just ended; usual consumers were purchasing in a manner indicative of hand-to-mouth buying, but the volume reached proportions sufficient to give the market a steady to firm price tone. Reports from New England stated that printcloth orders again exceeded the production rate, although curtailment operations were still prevalent, for backlogs were rather small in most instances. It was also reported that the operating rate of broadsilk manufacturers in Massachusetts and Rhode Island has improved. The lighter shades continued at the prominent movers. Business in dyes entering stains was highly irregular, but sellers reported quotations displayed a steady to firm tone at the levels in force in the previous period.

Koppers Gets 41-Oven Contract

The Koppers Company, Pittsburgh, has received a contract from the Colorado Fuel & Iron Corporation for the erection of a battery of 41 coke ovens and operating machinery at Pueblo, Colo. The contract is reported to involve $1,000,000, and the work is to be completed by the middle of August of next year.

Heavy Chemicals

Acids

(Continued from page 31)

that other consumers are actually increasing their necessities, which would thus prevent any sagging. Whatever the cause may be, acid continues to command premiums and the search for supplies goes on. The quotations on oleum are about stationary at $17 per ton for 20 percent stocks.

Insecticides

Demand in the market for agricultural insecticides and fungicides continued highly irregular during the week. Prices were steady to firm. The weather of the week favored cotton picking quite generally with rapid advance made in practically all parts. In Texas picking and ginning cotton are practically completed in the southern half of the State and rapid progress was made in the northern half. In central states of the belt picking made good to excellent advance, although there was some complaint of slow opening in western sections, much is being snapped. In eastern states of the belt picking made mostly good to excellent advance and is nearing completion in southern parts; the crop is opening rapidly in all parts.

Bordeaux Mixture.—Demand was fair throughout the week, sellers reported prices were firm.

Lead Arsenate.—This market continued to experience a slow call. No change was disclosed in quotations.

Lime Sulphur Solution.—Quiet prevailed in this market again last week, quotations were well maintained.

Phila. Paint Salesmen Elect

The Philadelphia Save the Surface Salesmen's Club has elected the following to membership:—Francis W. Brown, consulting chemist; Allen Rudolph, of the A. S. Boyle Company; R. Donald Weir, of the D. H. Litter Company; Clarence Wolf, jr., of the French-Wolf Paint Products Corporation; F. P. Crocker, of C. H. Howell & Co., and Elmer N. Brill, of the Eagle-Picher Sales Company.

Freeport Sulphur Will Proceed With La. Plant

Freeport Sulphur Company intends to proceed with a $300,000 construction program at its Port Sulphur mine in Louisiana. Completion of the program was halted in 1936 when the severance tax on sulphur in Louisiana was increased from 60c. per ton to $2 per ton.

Langbourne M. Williams, president of Freeport Sulphur, indicated that the company was taking the action with the expectation that the tax would be modified. The State's disposition toward reducing the severance tax rate was previously outlined to Mr. Williams in a letter from A. B. Patterson, chairman of the Louisiana State Board of the Department of Industry and Commerce wherein Mr. Patterson requested that the company resume its construction program with the assurance that the present state administration would deal fairly with the tax matter at the next session of the State legislature. When the Louisiana tax rate was increased to $2 per ton, production in that State declined 23 percent, compared with an increase of 37 percent in the Texas output.

Officers of the New York Professional Chapter of Alpha Chi Sigma for 1937-38 have been elected as follows:—President, Foster D. Snell; vice-president, R. E. Horsey; secretary, E. R. Hanson, and treasurer, H. N. LaCroix.

J&L LIGHT OIL DISTILLATES

COMMERCIALLY PURE BENZOL
90% BENZOL · CXP BENZOL
XYLOLS (SOLVENT NAPHTHA)
REAGENT BENZOL · PURE TOLUOL
SULPHATE OF AMMONIA

JONES & LAUGHLIN STEEL CORPORATION
PITTSBURGH, PENNSYLVANIA

KOPPERS

Koppers Chemicals and Solvents

Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and industrial) . . . Solvent Naphtha (including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U.S.P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—98%, pale low-boiling. Insecticide Grades—98%, pure, high-boiling) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

Other Koppers Products

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulphur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Treated Lumber . . . Special Machinery

THERE are many ways Koppers can serve you besides supplying Benzol, Toluol, Xylol, Solvent Naphtha, Phenol, Cresol, Cresylic Acid and Naphthalene. Many companies which are buying one or more Koppers products or Koppers service could profitably use many other Koppers products and make their work easier or their products better.

Koppers designs and builds machinery, equipment and complete plants. It supplies roofing, waterproofing, dampproofing, paints and other materials for plant construction and maintenance. It produces and markets coal and coke. It has made revolutionary improvements in piston rings and is the only manufacturer of Fast's self-aligning Couplings. It makes water and gas valves, fire hydrants, tanks, pipe, plate work. It operates shipyards.

Let us send you information about any of these types of Koppers services which would fit into your work.

KOPPERS COMPANY
PITTSBURGH, PA.

KOPPERS DIVISIONS, SUBSIDIARIES AND AFFILIATES—American Hammered Piston Ring Division . . . Bartlett Hayward Division . . . Boston Tow Boat Company . . . Eastern Gas and Fuel Associates . . . Engineering and Construction Division . . . Gas and Coke Division . . . The Koppers Coal Company . . . Koppers-Rheolaveur Company . . . The Maryland Drydock Company . . . Mystic Iron Works . . . Mystic Steamship Company . . . National Lumber & Creosoting Company . . New England Coal & Coke Company . . . Tar and Chemical Division . . . Western Gas Division . . . The White Tar Company of New Jersey, Inc. . . . The Wood Preserving Corporation.

Pest Control Association To Convene in Memphis

The National Pest Control Association, under its new title substituted for the "National Association of Exterminators and Fumigators," will hold its fifth annual convention in the Hotel Peabody, Memphis, Tenn., October 25 to 27, with a comprehensive program covering all phases of the industry and appropriate entertainment of various types running through the convention days. The convention will be called to order by Harry J. Hammond, of W. P. Hammond & Son, Milwaukee, regional vice-president; Watkins T. Overton, mayor of Memphis, will deliver a message of greeting, and Bartlett W. Eldredge, of the Waltham Chemical Company, Waltham, Mass., and president of the association, will deliver the annual address.

Other addresses on different phases of the industry will be made during the various sessions by:—Louis Kotler, of the Orkin Exterminating Company, Memphis; Joe Hill, of the Knox-Ant Corporation, Memphis; Wilbur F. Smith, of the Alderman Company, Pasadena; William O. Buettner, of Oscar G. Buettner & Son, Brooklyn, N. Y.; Dr. Thomas E. Snyder, of the Bureau of Entomology and Plant Quarantine, Washington; Wallace B. Tanner, California Termite Control Company; J. M. Miller, of the J. M. Miller Pest Control Service, Hollywood; M. L. deVietien, of the Reilly Tar & Chemical Company, Indianapolis; Ernest L. Barber, of the Barber Laboratories, New Orleans; C. Norman Dold, of the Rose Exterminator Company, Chicago; G. C. Onderkirk, of the Bureau of Biological Survey, Washington; E. F. Sennewald, of the Sennewald Drug Company, St. Louis; C. A. Vincent-Daviss, of E. I. du Pont de Nemours & Co., Wilmington, Del.; Charles Denny, of the Sur-Rid Products Company, St. Louis; George L. Hockenyos, of the Sentinel Insect Control Laboratory, Springfield, Ill.; Dr. E. A. Back, of the Bureau of Entomology and Plant Quarantine, Washington; Dr. R. C. Roark, of the Bureau of Entomology and Plant Quarantine, Washington; Dr. Al Weed, of John Powell & Co., New York; Arthur Srebren, of the Associated Chemists, Chicago; George M. Chapman, of the American Cyanamid & Chemical Corporation, New York, and Lee A. Strong, chief of the Bureau of Entomology and Plant Quarantine, Washington.

AD-VENTURES OF A Chemist

By Edward Rosendahl

Here's An Oil That Is Non-Hygroscopic

Chemists in many fields have found important uses for *DIGLYCOL LAURATE. This brief description may suggest an application to you. It is a light colored, non-hygroscopic oil completely soluble in alcohol. It is self-emulsifying in cold water and is an excellent emulsifying agent for oils and hydrocarbon solvents. It is being used for TEXTILES (lubrication, scouring, sizing, finishing, etc.), PAPER (sizing, and coating), LEATHER (lubricating and finishing), and for making COSMETICS and POLISHES. Being non-toxic it is ideal for edible products where binding properties are desirable.

This Self-Emulsifying Wax Has Solved Many A Problem

*DIGLYCOL STEARATE (Reg. Trademark) is a white, wax-like solid with melting point of 54° C. It is self-emulsifying in hot water and also acts as an emulsifying agent for waxes, oils, hydrocarbons and paste emulsions. It forms stable emulsions which in many cases can be frozen without breaking. Chemists are using it for Paper, Leather, Polishes, Textiles, Cosmetics, Lubrications and for many other purposes.

Troubled With Foam?

If your solutions of glue, casein, shellac, etc., give you foam trouble, all you need do is this. Add about 1½ ounces of FOAMEX to 12 gallons of your solution, and your troubles will be over! This new product not only dissipates foam in the mixing tank, but eliminates specks and pinholes in the finished product. FOAMEX can be added either to the water before mixing or thrown into the finished solution. It's a big help in the manufacture of paper coatings, latex compositions, leather finishes, textile finishes and sizings, and adhesives.

Need A Preservative?

Here are three materials that are invaluable for preventing and retarding spoilage, mold, rancidity and fermentation: MOLDEX, a light colored crystalline powder for preserving water solutions and emulsions containing vegetable gums, casein, glue, gelatine, albumen, sugar, starch, etc. ASEPTEX (Tech), a white powder that preserves technical water solutions and emulsions. RANCIDEX, a gray powder used to prevent rancidity, discoloration and offensive odors in oils, fats, greases, etc. If you want to know which of these preservatives is best suited for your purpose, send for our sample working assortment of all three. It's available at the cost of materials and handling ($2.60).

WANT SAMPLES?

Have you a hunch that any of these materials might apply to a problem of yours? Let us know and we will gladly send samples. And remember, Glyco laboratories are always at your service.

CHEMICALS BY GLYCO

GLYCO PRODUCTS COMPANY, INC.

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Come to Glyco for

Propylene Glycol Stearate **Propylene Glycol Laurate**
Glyceryl Monostearate ***Glyceryl Bori-Borate**
***Diglycol Oleate** **Ammonium Stearate (anhydrous)**
***Glycol Bori-Borate** **Glyceryl Monoricinoleate**

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What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-ninety-sixth Instalment

Leather

Plasticizers Used in Making Artificial Leather and Protective Coatings for Leather

(Continued from September 27 issue)

Citric acid phenolic esters
Coconut oil
Cresyl carbonate
Cresyl dimethylphosphate
Cresyl phosphate
Cresyl thiophosphate
Cresylanilides
Cresylanilide phosphates
Cresylparatoluene sulphonate
Cresylparatoluenesulphethylanilide
Cresylphenyl ether
Cresyl-phosphoric dianilide
Cresyl-phosphoric esters
Cyclic ethers
Cyclohexanol
Cyclohexanol acetate
Cyclohexanol formate
Cyclohexanol phthalate
Cyclohexyl adipinate
Cyclohexyl benzylbenzoate
Cyclohexyl laevulinate
Cyclohexyl 2-naphthol-benzoate
Cyclohexyl phthalate
Cyclohexylethanolamine
Cyclopentanol
Cyclopentanol formate
Dextrin diacetate
Dextrin dibutyrate
Dextrin ditartrate
Dextrin pentacetate
Dextrin tetratartrate
Dextrin triacetate
Diacetin
Diacetochlorhydrin
Diacetone arabitic ether
3:4-Diaminobenzoic acid
Dialkyl-oxalates
Diamyl oxalate
Diamyl phthalate
Diamyl tartrate
Dibenzenesulpho-2:7-dioxynaphthalene
Dibenzenesulphoparacresol
Dibenzylbenzenesulphamide
Dibenzylparachlorobenzenesulphanilide
Dibenzylparatoluenesulphamide
Dibenzylparatoluenesulphanilide
Dibenzylparatoluenesulphoimide
Dibetaethoxybetaethoxyethyl adipate
Di-2-butyl octylphthalate
Di-2-butyl octylsuccinate
Dibutyl maleate
Dibutyl oxalate
Dibutyl phthalate
Dibutyl succinate
Dibutyl tartrate
Dibutyl stearamide
Dichlorobenzyl benzoate
3:6-Dichlorophthalic acid
Dicresyl methylphosphate
Dicresyl-phosphoric acid amylester
Dicresyl-phosphoric acid ethylester
Dicresyl-phosphoric acid methylester
Dicresyl-phosphoric anilide
Dicresylglyceryl ether
Dicresylin
Dicyanodiamide
Dicyanodiamidin
Didimethylcyclohexanol oxalate
Diethyl adipate
Diethyl hydrophthalate
Diethyl isophthalate
Diethyl phthalate
Diethyl sebate
Diethyl tartrate
Diethylbromoacetylurea
Diethyldiphenylurea
Diethylsulphodimethylmethane
Diethylsulphomethylethylmethane
Diethylsulphone
Diethylurea
Diglycerol
Diheptylsulphone
Dihydroxybenzene
Dihydroxydinaphthyl ketone
Dihydroxydiphenyl sulphonate
Dihydroxydiphenylsulphone
Di-isoamylethylsulphone
Di-isobutyl phthalate
Di-isobutylsulphone
Di-iso-normal-butylsulphone
Di-isopropylsulphone
Di-iso-normal-propylsulphone
Dimethyl-adipate
Dimethyl-phthalate
Dimethylaminobetacoumarin
Dimethylanilin
Dimethylcyclohexanol oxalate
Dimethylcyclohexylcarboxylic acid
2:4-Dimethyldimethylene dioxide
Dimethylphenyl carbamide
Dimethylsulphone
Dimethylurea
Dinaphthyl amylphosphate
Dinaphthyl carbonate
Dinaphthyl ketone
Dinaphthyl-phosphoric acid amylester
Dinaphthyl-phosphoric acid methylester
Dinaphthyl-phosphoric anilide
Dinitrobenzene
Dinitrodiphenylethane
Dinitrodiphenylamine
Dinitrotoluene
Di-normal-propylsulphone
Dioxydiphenyldiethylmethylmethane
Dioxydiphenyldimethylmethane
Dioxyldiphenylethylmethane
Dioxynaphthol ketone
Diparasulpho-2:7-dioxynaphthalene
Diphenyl, carbonated
Diphenyl, chlorinated
Diphenyl-cresylphosphate
Diphenyl ether
Diphenyl ethylphosphate
Diphenyl oxide
Diphenyl phthalate
Diphenyl-phosphoric acid amyl ester
Diphenyl-phosphoric acid cresylanilide
Diphenyl-phosphoric acid ethylanilide
Diphenyl-phosphoric acid ethylester
Diphenyl-phosphoric acid methylanilide
Diphenyl-phosphoric acid methylester
Diphenyl-phosphoric acid naphthylanilide
Diphenyl-phosphoric acid naphthylester
Diphenyl-phosphoric acid phenylanilide
Diphenyl-phosphoric acid phenylester
Diphenyl-phosphoric anilide
Diphenylamine
Diphenylbenzidin
Diphenylethane
Diphenylglyceryl ether
Diphenylmethane
Diphenylurea
Dodecyl acetate
Dodecyl alcohol
Dodecyl oleate
Edistin
Eleaolphthalic acid dibutylester
Eleaolphthalic acid diisobutylester
Erganol
Ergol
Erythritol
Erythritol acetate
Erythritol benzoate
Erythritol formate
Erythritol maleate
Erythritol nitrate
Erythritol oxalate
Erythritol phthalate
Erythritol succinate
Esters of 2-benzoylbenzoic and related acids
Ethanolamines
Ethox
Ethoxyacetylborneol
Ethoxyacetylmenthol
Ethoxyethyl phthalate
Ethyl abietate
Ethyl acetylsalicylate
Ethyl adipate
Ethyl azaelate
Ethyl butyrate
Ethyl carbamate
Ethyl carbanilate
Ethyl carbonate
Ethyl cinnamate
Ethyl dicresylphosphate
Ethyl diphenylphosphate
Ethyl meta-amidosulphobenzoate
Ethyl metanitroparaamidobenzoate
Ethyl oleate
Ethyl orthoamidosulphobenzoate
Ethyl oxalate
Ethyl oxamate
Ethyl oxanilate
Ethyl palmitate
Ethyl parasulphoamidobenzoate
Ethyl paratoluenesulphoamidoacetate
Ethyl paratoluenesulphonate
Ethyl phosphate
Ethyl phthalamate
Ethyl phthalaniliate
Ethyl phthalate
Ethyl phthalonate
Ethyl pimelate
Ethyl propionate
Ethyl salicylate
Ethyl sebacate
Ethyl stearate
Ethyl suberate
Ethyl trichloroisobutylacetylsalicylate
Ethyl trichloroisopropylacetylsalicylate
Ethylacetanilide
Ethylaceto-orthonitrochloroanilide
Ethylacetyltetrachloroanilide, asymmetrical
Ethylanilide
Ethylanilide phosphate
Ethyleneglycol monoethylether
Ethyleneglycol monoethylether formate
Ethyleneglycol monoethylether phthalate
Ethyleneglycol monoethylether phthalate
Ethylglycol acetate
Ethylglycol phthalate
Ethylidene 3-carboxylate
Ethylmethylsulphone
Ethylnaphthylether
Ethylparatoluenesulphoethylanilide
Ethylpentachloroanilide
Ethylphenylurea
Ethylphthalyl ethylglycollate
Ethyltrichloroanilide
Ethylurea
Eugenol
Eugenol benzylether
Exalgin
Formalerythritic ether
Formanilide
Formic acid phenolic esters
Formylamidophenyl amylcarbonate
Formylamidophenyl ethyl carbonate

(To be continued)

Dyestuffs and Textile And Leather Chemicals

Sharp Reduction in Zinc Dust Reflects Break in Metal Price —Valonia Beards Advanced—Corn Derivatives Steady—Annatto And Cochineal Slow—Nutgalls Scarce—Bichromates Firm

Business in the market for dyestuffs and tanstuffs continued highly irregular during the week just closed. Manufacturing consumers showed little inclination to relinquish the hand-to-mouth buying policy. The termination of the third quarter was also a factor slowing down demand. The market was featured by a sharp advance in valonia beards, and a reduction in zinc dust.

The sharp rise in valonia beards could be attributed to reports that the crop failed to come up to earlier estimates, together with reports that certain European factors, particularly Germany, were purchasing substantial quantities. Wattle bark displayed a firm tone, reports from the primary market stating that a firm tone was in evidence there. Mangrove bark and myrobalans were quiet. Sharp reduction in zinc dust was caused by a break in the metal price. Bichromates continued in a firm position. Corn derivatives were steady. Alumina chloride was in fair demand. No change was noted in potash prussiate. Antimony salt displayed a firm tone. Annatto and cochineal were dull. Nutgalls continued scarce. Consumption of apparel class raw wool in the United States during August amounted to 5,011,000 pounds against 4,102,000 pounds in July, the Department of Commerce announced. Consumption of carpet class wool amounted to 2,167,000 pounds in August against 1,581,000 pounds in July.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Valonia beards, $2 per ton.

Reduced

Zinc dust, ¾c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
155.2	155.2	155.2	152.5

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—A fair demand was reported in this market again last week, sellers reported quotations were firm at the levels in force previously.

Antimony Salt.—Business in this market continued at a slow pace throughout the week just ended. However, the price tone was decidedly firm, reflecting the firmness in the basic material.

Potash Bichromate.—A fair volume of business was reported in this market again last week, usual consumers were covering for nearby production requirements. Prices displayed a firm tone at the levels in force in the preceding period.

Potash Prussiate.—This market offered little change from recent weeks, the call for red and yellow products indicated that consumers were content to cover when needs reached an urgent stage. Quotations were in conformity with the schedule in effect previously.

Soda Bichromate.—Shipments were moving for routine account at a fair pace throughout the week. Prices were decidedly firm at the levels in effect previously.

Zinc Dust.—A sharp reduction in the metal price brought about a reduction of ¾c. per pound in zinc dust. Sellers were asking 8.40c. to 9c. per pound, according to quantity.

Dyestuffs

Annatto.—Shipments were few and far between in this market, but sellers reported prices continued to display a steady to firm tone.

Archil.—There was little to report in this market again last week, demand being confined to actual wants, but sellers reported the presence of a decidedly firm tone.

Fustic.—Business in this market was much the same as in the preceding period, in that usual buyers were ordering out conservative quantities, and prices were firm at the levels in effect previously.

Cochineal.—Although the market was a rather quiet affair throughout the week, with shipments of Teneriffe silver and gray material moving to routine channels of consumption in jobbing quantities, sellers reported prices were firm at the levels in effect previously.

Logwood.—This market was much the same as in the preceding period, with the call limited to quantities for actual production requirements only, but prices ruled steady to firm.

Nutgalls.—Prices were nominal, reflecting a scarcity of supplies.

Madder, Dutch.—Important developments were lacking in this market again last week. Usual buyers were remaining aloof from the dealings unless needs were urgent, but the statistical position of the market favored a decidedly firm tone.

Quercitron.—Demand was fair during the week. Sellers were holding to previous prices.

Sizing Materials

Albumen.—Demand for edible egg albumen was fairly good against contracts, the market displaying a decidedly firm tone. This firmness in price structure could be traced to the fact that supplies on hand were limited. sellers in all quarters of the market giving preference to contract consumers, due to the uncertainty surrounding future supplies because of the prolonged Sino-Japanese hostilities.

Dextrin.—A good demand was reported in the market for the corn derivatives. sellers reporting prices were steady. Indications were consumers were not covering beyond actual production requirements.

Egg Yolk.—Another week featured by a decidedly firm price tone was noted in this direction, supplies being limited. The limited supplies resulted from the Sino-Japanese hostilities, and considerable uncertainty was noted regarding future supplies.

Starch.—A fair demand was noted in this market again last week. Prices were unchanged. In the Ohio Valley corn cutting and silo-filling are advancing rapidly, but little has been cribbed as yet and the crop still needs one to two weeks locally. In western valley sections 90 percent or more is safe. In Missouri corn is practically all safe from frost damage and is mostly in shock, with some cribbed. Some husking and cribbing has been done in the northwestern part of the belt. In Iowa corn dried rapidly, with considerable husked, shelled, and marketed in the extreme western part of the state, but the crop is not yet sufficiently dry to crib generally. Directors of the Chicago Board of Trade adopted the following regulations:—A commission house that has on its books both long and short September corn contracts may offset one against the other to the extent that the long interest can be offset by the short interest, and to the extent that the interest has authorized you to settle their contracts at $1.10½. All short contracts to be settled by delivery must be handled through your clearing member and through the clearing corporation. A complete report of all transactions closed by offset showing names of customers, etc., must be made to the secretary of the Chicago Board of Trade by the clearing member.

Tanning Materials

Divi-Divi.—There was little to report here. Demand was dull but prices were nominal, the small amount on hand bringing about the normal price condition.

Gambier.—This market continued to note a fair demand throughout the week for Singapore cubes and plantation gambier, but prices were well held. There was a nominal price noted for common gambier. Demand was fairly good at times during the week.

Mangrove Bark.—Business in this market continued along conservative lines. No change was disclosed in quotations.

Myrobalans.—Business in J1 myrobalans was fair throughout the period under review. Prices were firm. The call for J2 myrobalans and J3 myrobalans was spotty, but no change was uncovered in quotations.

Quebracho.—Business in this market held up fairly well during the week, quotations being steady to firm.

Valonia.—A sharp advance was noted in price for valonia beards. Sellers reported $52 per ton, and cups were held at $33 to $35 per ton. Reports that the crop was not up to expectations and earlier estimates, together with heavy buying by European factors, was responsible for the rise.

Wattle Bark.—A decidedly firm tone prevailed in this direction again last week. Prices were unchanged. Demand was fairly good. Primary market reports indicated a firm tone was in evidence there.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Pittsburgh P.V.L.A. Elects Officers, Convention Delegates

The Pittsburgh Paint, Varnish and Lacquer Association, at its annual meeting, re-elected all officers, as follows:—President, J. K. White, of W. W. Lawrence & Co.; vice-president, J. W. Johnston; secretary, George F. Smith, and treasurer, H. R. Urbach. The executive committee consists of all the officers and Charles J. Caspar, A. E. Daum and J. V. Thompson.

Delegates and alternates elected to attend the annual convention of the National Paint, Varnish and Lacquer Association, in Cincinnati, October 27 to 30, are:—Delegates, Joseph D. Watson, E. R. Coyle, and Charles J. Caspar; alternates, Louis J. Reizenstein, Howard A. Tallon, and A. E. Daum.

Nannetti Elected Head Of Portland Paint Ass'n

George J. Nannetti, local manager of the West Coast Kalsomine Company, was installed president of the Portland Paint, Varnish and Lacquer Association, at the regular weekly luncheon meeting held October 1 in the Benson hotel, Portland, Oregon. He succeeds Bernard L. Deaton, head of the Portland branch of the National Lead Company.

George J. Nannetti

The other officers serving with Mr. Nannetti are:—Vice-president, Herbert B. Miller, of the Miller Paint & Wall Paper Company; and secretary, Ernest H. Morgan of Ernest H. Morgan & Co., who entered upon his twenty-first consecutive year in that capacity.

The club's annual meeting was held the preceding week, at which time favorable action was taken on a report submitted by the nominating committee comprised of the following:—Harold H. Sheldon, of the Pittsburgh Plate Glass Company, and Edward J. Russell, of Rasmussen & Co.

Los Angeles P.V.L.A. Elects Bauer

The Los Angeles Paint, Varnish and Lacquer Association, at its annual meeting, elected the following officers:—President, J. E. Bauer, of the J. E. Bauer Paint Company; vice-president, L. E. Perrine, of the General Paint Corporation; treasurer, B. A. Barry, of W. P. Fuller & Co., and secretary, Glenn P. Lamberton.

Continental Can Company stockholders have authorized an amendment to the certificates of incorporation providing for the issuance of 350,000 shares of no par preferred stock, the proceeds to be used to retire current bank loans which stood at $14,000,000 on June 30 last.

NIACET PRODUCTS
Acetic Acid Glacial - U.S.P. - Reagent
Acetaldol
Acetamide
Paraldehyde
Acetaldehyde
Iron Acetates
Copper Acetate
Methyl Acetate
Crotonaldehyde
Ammonium Acetate
Manganese Acetate
Sucrose Octa Acetate
Other Acetate Salts

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SODIUM ACETATE
SPECIAL 90% GRADE
A fine free-flowing powder containing 50% more actual Sodium Acetate, pound for pound, than the usual 60% grade.

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20% Normal, 32% Basic
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Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Five-hundred-sixty-first Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

2-Amino-4-acetyl-1:1-diphenyl Ether

Textile

Starting point (Brit. 453953) in making dyed or printed red colors of fine purity of shade and fastness to kier-boiling with—
- 2:3-Hydroxynaphthoic-2′-methylanilide
- 2:3-Hydroxynaphthoic-2′:5′-dimethoxyanilide
- 2:3-Hydroxynaphthoic-4′-methoxy-2′-methylanilide
- 2:3-Hydroxynaphthoic-3′:4′ dichloroanilide
- 2:3-Hydroxynaphthoic-5′-chloro-2′-methylanilide
- 2:3-Hydroxynaphthoic-4′-chloro-2′-methoxyanilide

Starting point (Brit. 453953) in making dyed or printed scarlet-red colors of fine purity of shade and fastness to kier-boiling with—
- 2:3-Hydroxynaphthoic-3′-methylanilide
- 2:3-Hydroxynaphthoic-4′-methylanilide
- 2:3-Hyroxynaphthoic-3′-chloro-2′-ethoxyanilide
- 2:3-Hydroxynaphthoic-2′-methoxy-5′-methylanilide
- 2:3-Hydroxynaphthoic-4′-chloro-2′-methoxyanilide

Bromobenzyl Cyanide

(Brombenzylcyanid, Cianuro de Bromobenzil, Cianuro di Bromobenzile, Cyanobromure de Benzyle, Cyansauresbrombenzylester, Cyanure de Bromobenzyle)

Military

As a tear gas agent

Ethylsorbitol

(Ethylsorbite)

Ceramics

Plasticizer (U.S. 1936093) in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 1936093) for—
- Natural and synthetic resins, nitrocellulose, cellulose acetate, and other cellulose esters and ethers

Cosmetic

Plasticizer (U.S. 1936093) in—
- Nail enamels and lacquers containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers as base material

Electrical

Plasticizer (U.S. 1936093) in—
- Insulating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1936093) in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer (U.S. 1936093) in—
- Adhesive compositions containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Ink

Plasticizer (U.S. 1757915) in—
- Rotogravure inks
- Stamp-pad inks
- Textile inks

Leather

Plasticizer (U.S. 1936093) in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metallurgical

Plasticizer (U.S. 1936093) in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 1936093) in—
- Coating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (U.S. 1936093) in—
- Paints, varnishes, lacquers, enamels, and dopes containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Paper

Plasticizer (U.S. 1936093) in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

Plasticizer (U.S. 1936093) in making—
- Films from nitrocellulose, cellulose acetate, or other esters or ethers of cellulose

Plastics

Plasticizer (U.S. 1936093) in making—
- Laminated fiber products
- Molded products
- Plastics from or containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Resins

Plasticizer (US. 1936093) in making—
- Artificial resins from or containing nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Rubber

Plasticizer (U.S. 1936093) in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (U.S. 1936093) in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 1936093) in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Plasticizer (U.S. 1936093) in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as protective and decorative coatings on woodwork

---

Gammachlorobetahydroxypropylpiperidin, Normal

Textile

Assistant (Brit. 454320) in—
- Textile finishing processes

2-Hydroxy-3-naphthoic-paramethylthiolanilide

Dye

Intermediate (U.S. 2025116) in—
- Dye manufacture

Methylpyrogallol Ethylether

Photographic

Starting point (U.S. 2017295) in making—
- Developers having no tendency to become oxidized

Sorbitol

(d-Sorbitol, Sorbite)

Adhesives

Flexibilizer, humectant*, and plasticizer in—
- Animal adhesives
- Dextrin adhesives
- Envelope adhesives
- Gum-base adhesives
- Label adhesives
- Library adhesives
- Office adhesives
- Stamp adhesives
- Starch pastes
- Vegetable adhesives

Antifreeze

Ingredient (U.S. 1900040) of—
- Antifreeze admixtures with propyleneglycol

Cellulose Products

Flexibilizer for—
- Cellulose products
- Sheet regenerated cellulose

Humectant for—
- Cellulose products
- Sheet regenerated cellulose

Inhibitor of—
- Loss of flexibility by cellulosic wrapping material when subjected to high heat conditions

Reducer of—
- Shrinkage of cellulosic products caused by drying out
- Stretching of cellulosic products caused by loss of tensile strength at high moisture contents

Softener of—
- Cellulosic sanitary tissues

Chemical

Conditioning agent, or humectant, in—
- Chemical products and processes

Starting point in making—
- Acetals
- Anhydrous products
- Anhydrous products having many uses (U.S. 1757468)
- 1-Ascorbic acid (vitamin C)
- Esters
- Ethers
- Ethers having many uses (Brit. 317770)
- Ethyleneglycol (U.S. 2004135)
- Glycerin (U.S. 2004135)
- Mixed acetalesters
- Mixed etheresters
- Pentaethylsorbite, useful as a solvent and plasticizer (Germ. 510423)
- Plasticizers for benzylcellulose with ethyl chloride, or crotyl chloride, or benzyl chloride (U.S. 1936093)
- Plasticizer for cellulose acetate with ethyl chloride, or crotyl chloride, or benzyl chloride (U.S. 1936093)
- Plasticizers for ethylcellulose with ethyl chloride, or crotyl chloride, or benzyl chloride (U.S. 1936093)
- Plasticizers for nitrocellulose, with polyvalent alcohols and polyoses (French 652383)
- Plasticizers for nitrocellulose, with ethyl chloride, or crotyl chloride, or benzyl chloride (U.S. 1936093)
- Propyl alcohol (Germ. 524101)
- Propyleneglycol
- 1:2-Propyleneglycol (U.S. 1963997, Germ. 524101)
- 1:3-Propyleneglycol (Germ. 524101)
- Softening agents for cellulosic products with 2-methylcyclohexanone (Brit. 385139)
- Solvents for nitrocellulose (perfect), with polyvalent alcohols and polyoses (French 652383)
- Sorbose

Cosmetic

Humectant in—
- Creams and other cosmetics

Skin-softening agent (Brit. 294130) in—
- Creams and other cosmetics

Starting point (Brit. 294130) in making—
- Dehydration products and their derivatives, valuable as humectants and softening agents in creams and other cosmetics

Explosives and Matches

Ingredient of—
- Explosives containing also nitrated mixtures of carbohydrates, polyvalent alcohols containing 4 to 6 carbon atoms, and liquid polyvalent alcohols (U.S. 1750949)
- Explosives designed to replace dynamite, possessing very great stability and capable of being stored for long periods of time (U.S. 1751437)
- Nitrated explosive (U.S. 1751438)

Electrical

Humectant in—
- "Dry-type" electrolytic condensers

Glue and Gelatin

Flexibilizer for—
- Gelatin Glue

Humectant for—
- Gelatin Glue

Plasticizer for—
- Gelatin Glue

Gums

Flexibilizer for—
- Gums

Humectant for—
- Gums

Plasticizer for—
- Gums

Ink

Ingredient (U.S. 1757915) of—
- Copying inks
- Copying ink containing also methyl violet B extra and dextrin
- Hectographic inks
- Hectographic ink containing also methyl violet blue, acetic acid, and dextrin
- Rotogravure inks
- Stamppad ink containing also glycerin, methyl violet blue N, and alcohol
- Stamppad ink containing also methyl violet B extra, and alcohol
- Textile inks

Leather

Flexibilizer for—
- Leather

Humectant for—
- Leather

Ingredient of—
- Leather dressings

Increaser of—
- Pliability of leather
- Softness of leather
- Tensile strength of leather
- Tearing resistance of leather

Process material (U.S. 2063337) in—
- Finishing leathers

Substitute for—
- Glycerin in various processes

Lubricant

Starting point (French 703792) in making—
- Viscous lubricating oils with higher monobasic fatty acids

(To be continued)

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* "Humectant" is a term denoting affinity for water, with stabilizing action on the water content of an article; thus, a humectant keeps within a narrow range the moisture content fluctuations caused by wide-range humidity fluctuations.

Paint, Varnish, Lacquer Materials

Lead Oxide Prices Cut Again as Metal Falls—Slab Zinc Lower —Trading Is Small as Year's Final Quarter Opens —Turpentine Hits New Low

Trade in the materials used in the manufacture of surface coatings continued poor as the market moved into the year's final quarter. For a period that is usually favored with seasonal activity, the month just ended was a marked disappointment. A break in prices for some of the important metals just before the month's close was a climax to the earlier listlessness. Lead prices moved down again Monday, repeating the performance of the preceding Friday, and all prices for red lead, litharge and orange mineral followed. Zinc was also slashed but did not respond in the zinc oxides; the lead price break was not reflected in the newly established prices for the high lead strength leaded zinc oxides. Chrome colors also withstood the lead decline.

Stearic acid prices also moved down but did not reflect immediately in the prices of derivative stearates. Stearate contracts for the year's final quarter were issued at unchanged levels a few weeks ago and most of these agreements were signed and returned prior to the reduction in acid costs last week.

Turpentine declined sharply early in the week to the lowest price recorded in many years. Rosin weakened in sympathy but later in the period the tone of the primary markets was steadier. The drop in turpentine followed the sale by the government of a large part of its holdings. Domestic trade in rosin was fairly active. Receipts continued liberal.

August sales of paint, varnish, lacquer and fillers, according to the compilation by the Bureau of Census from reports made by 680 establishments, totaled $35,305,043, compared with $36,004,636 in July and $34,731,853 in August last year. Total sales for the first eight months of the year were valued at $306,368,212 against $267,895,298 in the same months of last year. August trade sales classified by 580 of the reporting establishments, were $18,521,000 and industrial sales were $13,517,878.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lead, red, dry, ¼c. per lb.
Litharge, ¼c. per lb.
Orange mineral, ¼c. per lb.

Reduced

Rosin, 5c. to 25c. per 280 lbs.
Turpentine, 1¼c. to 2c. per gal.
Shellac, bone-dry, refd., 1c. per lb.
Vermilion, quicksilver, 5c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week	Prev. week.	Last month.	Last year.
134.6	**134.6**	**134.6**	**131.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead prices moved down another quarter-cent on Monday and while the market was shaky during the remainder of the week there was no further change here. The decline on Monday repeated the performance of the preceding Friday and brought quotations down to 5.85c. per pound at East St. Louis and 6c. to 6.05c. per pound at New York. The London market broke sharply in mid-week, moving down almost £1 Wednesday. Purchasing was very light and it appeared as though the buyers shied at the market because of the behavior of the securities markets and the general bearishness of commodities.

Zinc also declined last week, after having withstood the pressure of technical weakness from other metals. The break in zinc was sharp, being ¾c. per pound. This move took place Wednesday and brought the East St. Louis price down to 6½c. per pound. The sharp decline in zinc was surprising to many observers because of the shortage of the metal here. Stocks are light and the producers were extending themselves to meet the heavy volume of unfilled orders on their books. On the other hand, there was a good deal of foreign zinc being sold here at considerably less than the prices that domestic sellers named prior to Wednesday's break. For a while the domestic people did not attempt to compete against the low-priced imported metal because it helped to relieve the shortage of supplies here.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from September 25 to October 1, inclusive, were as follows:—

	Pigs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£	s. d.
Saturday	$0.0625@.0630	$0.0610	..	.. ..
Monday	.0600@.0605	.0585	20	7 6
Tuesday	.0600@.0605	.0585	20	0 0
Wednesday	.0600@.0605	.0585	19	1 3
Thursday	.0600@.0605	.0585	19	6 3
Friday	.0600@.0605	.0585	19	3 9

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from September 25 to October 1, inclusive, were as follows:—

	Slabs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£	s. d.
Saturday	$0.0760	$0.0725	..	.. ..
Monday	.0760	.0725	19	18 9
Tuesday	.0760	.0725	19	16 3
Wednesday	.0685	.0650	18	16 3
Thursday	.0685	.0650	19	3 9
Friday	.0685	.0650	19	5 0

Pigments

The decline of lead prices was extended last week and was joined by a sharp drop in metallic zinc. Lead oxide prices moved down Monday for the second time within three business days. Both car lot and l.c.l. prices for dry red lead, litharge and orange mineral moved down a quarter-cent per pound Monday. The break in the lead market did not have any apparent affect upon the position of white lead, which had been raised in price at the beginning of September. Leaded zinc oxides did not respond to the metal market break, having undergone price revision in the middle of last month.

White Lead.—The lead price drop a week ago Friday was followed by a similar decline on Monday of last week but the move did not have any visible affect upon the security of the current prices for this commodity which were established at the beginning of September.

Red Lead.—All quotations were reduced ¼c. per pound Monday for the second such decline in as many weeks. The schedule was:—Car lots, 8½c. per pound delivered East and 8¾c. per pound in West; 5-ton lots, 9¼c. per pound delivered Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and West of Cascades in Ore., and Wash.; 9¾c. per pound delivered Ariz., Idaho, Nevada, Utah and East of the Cascades in Ore., and Wash.; 9½c. per pound delivered Colo., Mont., N. Mex. and Wyo.; and 9c. per pound delivered other points. The aforementioned prices are for material testing 95 percent or less Pb_3O_4. The 97 percent strength is ¼c. per pound additional and the 98 percent strength is ½c. per pound additional.

Litharge. — The decline in the price of pig lead Monday resulted in another ¼c. per pound decline in both the car lot and l.c.l. prices for this oxide. The new schedule of prices is 1c. per pound below the aforementioned schedule of prices for 95 percent red lead.

Lithopone. — There was not much life in the market last week. Reports from both Eastern and mid-Western producing plants were similar in their pessimistic content. The takings against contracts are small sized and not very frequent. Prices for all strengths continued unchanged.

Orange Mineral. — The decline of ¼c. per pound in lead prices September 24

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Champion...
It's perfect performance that makes a diving champion. It's perfect performance that makes Calco's Alkali Blue Toner and Iridescent Violet Toner champions in the art of inkmaking.

Alkali Blue Toners

● Alkali Blue Toner is obtainable in different types of bronzes varying in an undertone range from decided red to a very clear green tone. Ink Bodies, without varnish separation, are compounded to meet your specifications.

IRIDESCENT Violet Toners

● Calco's Iridescent Violet Toners are especially prepared for clean violet ink of the fugitive type. These products are available in shade variations to match your requirements. They are absolutely odorless.
Send today for working samples.

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and the next drop of ¼c. per pound on Monday of last week brought prices for this oxide down to the following level:—Five-ton lots, delivered Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and West of Cascades in Ore. and Wash.,11¾c. per pound; delivered Ariz., Idaho, Nev., Utah, and East of Cascades in Ore., and Wash., 12¼c. per pound; delivered, Colo., Mont., N. M., and Wyo., 12c. per pound, and delivered other points, 11½c. per pound. Smaller lots were ½c. per pound additional at all delivery points.

Titanium Pigments. — These pigments have not escaped the dullness of the general pigment market, insofar as the demand from paint manufacturers was concerned albeit the sales during the month just ended were better than they were in August. The price schedules for compound pigments and for the dioxide were unchanged and steady. The decline in lead prices did not affect the position of lead titanate.

Zinc Oxide. — The break in the prime Western metal price did not alter the position of the oxides and the fall in lead prices did not change the recently established position of the high lead strength leaded zinc oxides. Business with the paint manufacturing trade and other consuming industries was light.

Fillers and Extenders

Fillers, inert pigments and mineral whites have not undergone any price change of importance. Trade conditions were not very favorable to the sellers as the demands from the consuming trades were small and scattered.

Graphite. — Some sellers of grades used by the paint manufacturing trade have advanced prices 1c. per pound, but others continued to quote the prices that have been in force for some time.

Metronite. — Producers of this pigment reported the market in an unchanged position.

Rottenstone. — There has been no change in either car lot or l.c.l. prices since this article was last reported here. Trade was routine.

Dry Colors

Earth and chemical colors were free from appearances of price weakness last week. The drop in lead prices prompted a question of its affect upon chrome yellow, but the producers of that color have not altered their quotations. Quicksilver vermilion was cheaper as a result of recent declines in the cost of metal. The cadmium lithopones were firm at the newly established prices.

Cadmium Colors.—The red and yellow lithopones were firm in price at the 6c. per pound price increase which was reported here a week ago.

Carbon Black.—The month just ended was a relatively poor one for black consumption by the tire manufacturers. The operating schedules indicated for this month would show an improvement if they are maintained at the rate that is planned. L.c.l. business in blacks has fallen off somewhat. There has been no change in the price structure.

Chrome Yellow. — The declines in pig lead costs have not shown any affect in the color market. Trade was not very lively last week.

Iron Oxides. — The demands have been rather light during the past few weeks and things were not very lively as the market turned into the final quarter of the year.

Tungstate Colors. — As reported here last week, prices advanced 25c. to 65c. per pound because of the shortage of the raw material which is mainly imported from China.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Vermilion. — The quicksilver product has been selling in some directions at a cheaper price for the past two weeks. A 500-pound price of $1.70 per pound was available in some directions; others continued to quote $1.75 per pound for this quantity.

Varnish Gums

Replacement market prices for natural resins were unmoved last week, following the widespread changes of a week ago. The advances of a week ago were firmly held and the information coming from the supplying markets indicated continued shortage of supplies abroad. Trade here was light.

Copals. — There were no further changes in prices last week. The widespread advances in the Congo gums and the increase in the replacement cost of WS Manila gum were held last week. Although trade was light, the advances of a week ago held the attention of the buyers closer to the market.

Dammars. — The Batavia gums were unchanged after the advances that took place a week ago. Singapore chips, which were raised along with the Batavia gradings were firm at the new levels.

Synthetic Resins

A few changes of price are contained in the monthly list of prices for synthetic resins contained in this issue. Ester gum continued without change at a base price of 10c. per pound for large amounts.

Naval Stores

New low prices for turpentine over a period of about 40 years were established last week, the Savannah market falling to 25½c. per gallon and Jacksonville to 25c. The break followed reports that the government had disposed of its holdings at Jacksonville, amounting to 20,000 barrels, at a price considerably below the prevailing market quotation, although the exact figure was not divulged. Three-fourths of the turpentine will be exported, it was stated, while the remainder was taken by a large domestic consumer.

The tone of primary markets appeared to be steadier late in the week but prices did not show much recuperative power as the decline failed to stimulate buying interest on the part of consumers in general, many of whom were apparently disposed to hold off pending some announcement as to what would be done with the remainder of the government holdings, estimated at 42,000 barrels. The belief that unsold supplies among other holders in various parts of the South are large also had a tendency to make buyers cautious.

Rosin weakened to some extent in sympathy with turpentine but owing to the strength of the statistical position losses in rosin values were generally rather small and the undertone of primary centers still appeared to be firm. Export business was quieter last week and clearances for foreign destinations on contracts previously placed were rather light, but liberal shipments were said to be impending. Meantime stocks in primary centers are much smaller than a year ago and unsold supplies in the interior are also said to be comparatively light while consumption in some fields appears to be on the increase.

Although receipts of rosin and turpentine continued large, there was still a tendency in some quarters to revise crop ideas for the current season downward. As to production for next season, details for the 1938 conservation program are now being worked out. The principles to be incorporated in the plan have been agreed upon by representatives of the American Turpentine Farmers' Association and the U. S. Forest Service, according to a report from Washington, and it is expected that terms and conditions will be announced by the Agricultural Adjustment Administration in the near future. The proposed plan includes benefit payments to farmers.

Turpentine. — Local prices declined sharply early in the week in company with primary centers where there was a break in quotations following an announcement that the government had disposed of a large quantity of turpentine at a figure considerably below prevailing market quotations. Later in the week there was a moderate recovery but business continued quiet, consumers being inclined to hold off for further developments. Marketing in the South continued on a liberal scale but daily offerings in primary centers were light.

SAVANNAH, Oct. 1.—The turpentine

D-C-GLOBLAK

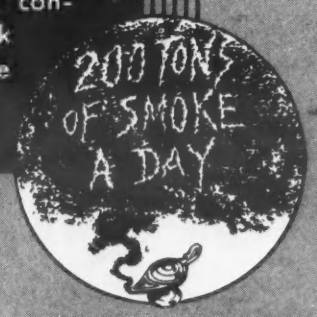
Sets the Pace...

for the incorporation of Carbon Black into the newer types of Lacquers

- Represents the present day trend of increasing pigment content to obtain maximum coverage.
- Formulates glossy lacquers with weather resistance.

D-C-GLOBLAK permits double the pigment concentration of older methods of dispersion, resulting in greater covering power.

The higher carbon content of D-C-Globlak permits a wider range of formulation.



Would you like a sample? Just send for it. Our Technical Service Department will gladly discuss any phase of the use of this product.

BINNEY & SMITH CO.

Specialists in Carbon Blacks, Bone Blacks, and Oxides of Iron

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market had a steady undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday	27½	80	394	74	40,657
Monday	23½	100	272	4,833	36,076
Tuesday	26¾	98	513	106	36,483
Wednesday	27¾	115	300	25	36,758
Thursday	28¾	85	362	1,101	36,019
Friday	28½	96	336	4	36,352

JACKSONVILLE, Oct. 1. — Turpentine was quiet. The market had a steady undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday	25	...	225	...	29,699
Monday	26	100	408	1	30,106
Tuesday	26¾	20	142	12	30,236
Wednesday	28	39	187	...	30,423
Thursday	28½	40	240	...	30,663
Friday	29	108	186	67	30,782

PENSACOLA, Sept. 25.—The turpentine market was quiet. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	235	162	24,547
Tuesday	103	442	24,208
Wednesday	59	...	24,267
Thursday	101	...	24,568
Friday	126	...	24,494
Saturday	163	75	24,582

CHICAGO, Oct. 1.—The turpentine market is in a sort of stalemate at present. Ruling prices at the close of business last night were:—Five-drum lots, 41c. per gallon; five wood barrels, 46c.; single drums, 44c.; single barrels, 49c.

LONDON, Oct. 1.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	34	3
Monday	33	6
Tuesday	32	9
Wednesday	33	6
Thursday	34	0
Friday	34	0

Stocks of American turpentine in London were:—

	Oct. 1.	Previous week.	Last year.
Barrels	17,218	18,358	17,853

Rosin.—An easier tone developed in the local market early in the week, this being a reflection of developments in Southern centers where prices had a downward trend for a time as a result of a sharp drop in turpentine. Offerings of most grades in the Southern markets were comparatively light, however, and later on the tone turned steadier. There were reports of a somewhat better demand here though purchasing was still generally along conservative lines. Primary receipts were liberal while shipments decreased.

SAVANNAH, Oct. 1.—Rosin quotations were irregular. Offerings were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.50	$7.40	$7.40	$7.40	$7.40	$7.40
D	7.50	7.40	7.40	7.40	7.40	7.40
E	7.50	7.40	7.40	7.40	7.40	7.40
F	7.75	7.70	7.65	7.65	7.70	7.75
G	7.75	7.70	7.65	7.65	7.70	7.75
H	7.75	7.70	7.65	7.65	7.70	7.75
I	7.80	7.75	7.65	7.65	7.70	7.75
K	7.80	7.75	7.65	7.65	7.75	7.75
M	7.80	7.75	7.65	7.67½	7.75	7.77½
N	7.90	7.90	7.65	7.67½	7.75	7.77½
WG	8.20	8.20	8.00	8.00	8.10	8.10
WW	8.65	8.65	8.55	8.55	8.55	8.60
X	8.65	8.65	8.55	8.55	8.55	8.60
Sales	498	802	986	890	515	2,309
Receipts	849	2,420	2,375	1,148	1,589	983
Shipments	130	1,511	250	...	1,417	...
Stocks	65,348	66,257	68,382	69,530	69,709	70,692

JACKSONVILLE, Oct. 1. — The rosin market was quiet and steady. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
B	$7.40	$7.40	$7.40	$7.40	$7.40	$7.40
D	7.40	7.40	7.40	7.40	7.40	7.40
E	7.50	7.40	7.40	7.40	7.50	7.50
F	7.65	7.67½	7.70	7.70	7.70	7.70
G	7.70	7.67½	7.70	7.70	7.70	7.70
H	7.70	7.67½	7.70	7.70	7.70	7.70
I	7.70	7.67½	7.75	7.70	7.70	7.70
K	7.70	7.67½	7.75	7.70	7.70	7.70
M	7.70	7.70	7.75	7.70	7.72½	7.72½
N	7.72½	7.75	7.75	7.75	7.75	7.75
WG	7.77½	7.85	7.90	7.90	8.00	8.00
WW	8.45	8.45	8.45	8.45	8.50	8.50
X	8.45	8.45	8.45	8.45	8.50	8.50
Sales	900	272	385	253	747	...
Receipts	838	946	792	854	805	912
Shipments	65	96	110	...	56	230
Stocks	34,948	35,798	36,480	37,334	38,083	38,765

PENSACOLA, Sept. 25.—The rosin market was quiet. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	797	331	276	441	184	575
Shipments	80	380	280	80	655	80
Stocks	25,197	25,148	25,344	25,705	25,234	25,729

CHICAGO, Oct. 1.—The rosin market is rather dull at present, following nervousness over the general naval stores situation, especially with reference to the government policy. Ruling prices at the close of business last night were:—B grade, $10.40 per lot of 280 pounds; G grade, $10.65; M grade, $10.67½; W. W. grade, $11.55.

LONDON, Oct. 1.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	19	9	21	9
Monday	19	9	21	9
Tuesday	19	6	21	6
Wednesday	19	6	21	6
Thursday	19	6	21	6
Friday	19	6	21	6

Pine Oil.—A firm tone continued to prevail, quotations being held by producers at the levels ruling in the previous week. There was a steady movement into local and other consuming channels.

Pitch. — Quotations were stationary and the tone of the market appeared to be steady. Business lacked snap, but there was a fair demand for moderate lots for prompt shipment.

Rosin Oil.—Recent developments in primary markets for basic material found no reflection in the local rosin oil situation, prices generally being held at former levels. There was a fairly active demand.

Tar.—Selling schedules were without change, the tone of the market apparently being firm. Demand from local and other buyers was fairly active.

Shellac

Prices in London and Calcutta were slightly reactionary last week, moderate declines being established without, however, being actually indicative of a genuine shift from the position of basic strength prevailing for some time past. Values abroad, in a broad sense, were steady and appeared to be based on the probability that stocks in Calcutta were not more than trade requirements can take care of. Locally, the market showed little change from the slow trade marking events for a considerable period of time. Buyers still seemed to lack confidence in the future and hence kept their purchases down to a volume subnormal for the market at this time of year. Prices lacked change, save that refined bone-dry was easier at 23c. per pound.

Calcutta, Oct. 1.—Calcutta quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows:—

	Per pound— Oct. 1.	Sept. 24.
October	10½c	10¾c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
September 24	10¾c
September 25	10¾c
September 27	10¾c
September 28	10¾c
September 29	10⅝c
September 30	10⅝c
October 1	10⅝c

London, Oct. 1.—London prices quoted on pure T. N., c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	October 1— Shillings. Cwt.	Cents. lb.	September 24— Shillings. Cwt.	Cents. lb.
October	44½	9.7	46½	10.1
December	45½	9.9	47½	10.3

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

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Day-to-day closing prices were as follows:—

	Per hundredweight—October.	December.
September 24.....	46s 6d	47s 6d
September 25.....	46s 6d	47s 6d
September 27.....	46s ..	47s ..
September 28.....	45s ..	46s ..
September 29.....	44s 6d	45s 6d
September 30.....	44s 6d	45s 6d

Lacquer Materials

Business in the market for lacquer materials continued fairly good during the week just ended. Prices generally were firm. A fairly active buying movement continued to be noted for tricresyl phosphate, a firm tone being in prominence. There was little to report in acetone, demand was fair and prices were well held. Reports from Detroit stated that the automobile industry was operating at a rather low level, but estimates continued to place the 1937 production at 5,000,000 units. Nitrocellulose and cellulose acetate displayed a steady to firm tone.

Acetone. — A fair demand was reported. Quotations were unchanged.

Butyl Alcohol.—This market noted a good demand. No change was disclosed in quotations.

Cellulose Acetate.—Demand was fair. Prices ruled firm. Production of sheets, rods, and tubes in August was 1,416,253 pounds, making a total of 9,684,775 pounds for the first eight months, comparing with 7,677,875 pounds in the same period a year ago. Shipments in the first eight months totaled 9,712,755 pounds, against 7,499,638 pounds in the same period last year.

Ethyl Acetate.—A fair demand was noted here, sellers were holding to previous quotations.

Nitrocellulose. — The call was fair. Prices were unchanged. Production of sheets in the first eight months totaled 10,180,570 pounds; rods, 2,405,383 pounds, and tubes, 677,632 pounds. The 1936 figures for the same period placed production of sheets at 8,217,270 pounds; rods, 1,600,139 pounds, and tubes, 532,225 pounds. Shipments in the first eight months of this year totaled 9,416,659 pounds of sheets; 2,527,006 pounds of rods, and 576,476 pounds of tubes.

Tricresyl Phosphate. — A good call was noted here. Quotations were firm.

Driers

The price of stearic acid declined ½c. per pound in the latter part of the week, but the stearate market did not show any response. Contracts for the final quarter of the year were issued at unchanged prices a few weeks ago and most of these agreements were signed and returned prior to the reduction in acid costs last week. Some of the manufacturers say that the lower acid cost might be reckoned with when contracts are written for the first quarter of 1938. By that time, some of the higher cost acid now in stock will have been worked off. Takings of supplies were very spotty last week. In fact, the entire month of September was a slow trading period.

Glues and Binders

Casein.—The market dragged along without feature last week. There was no change in quotations and the paper coaters did not seem very much interested in price, as there was very little inquiry. Importers of Argentine material could not shed any light on conditions in the South American supplying market. Of course, the Argentine article is not in the market picture here at this time of year.

Glues.—Price weakness was again evident in the hide glue market last week. Competitive selling was reported in certain directions, but the trade was not doing much buying at the figures offered them.

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Oils, Fats and Waxes

Stearic Acid and Red Oil Reduced—Recovery in Refined Cottonseed Oil Futures—Copra Stronger—Degras in Light Supply and Firmer—Trade Generally Quiet

Business in miscellaneous oils, fats and greases continued quiet last week. A recovery in refined cottonseed oil futures late in the period stimulated buying interest in the case of some edible products but as a rule purchasing was along the same narrow lines noted in recent preceding weeks. There were fewer changes in quotations and the tone of the market in general appeared to be steadier. The recovery in cottonseed oil futures was attributed to covering of shorts and new buying on the announcement that a movement has been started in the South to bring about higher prices for cottonseed through the purchase of 500,000,000 pounds by government agencies.

Chinawood oil remained nominal so far as futures were concerned and practically so in the matter of spot oil which was still under the control of resellers whose holdings appeared to be comparatively small. Perilla oil was firmer, fractionally higher prices being named by some sellers. Rapeseed oil was quiet but spot stocks are small and the market retained a firm tone. Degras was stronger owing to a shrinkage in supplies. Offerings of crude fish oils in primary centers were light and quotations remained nominal. Reports concerning manhaden fishing operations were generally unfavorable. Refined menhaden and sardine oils were steady at the recent advance. Stearic acid and red oil selling schedules were reduced. Quotations on lard, neatsfoot, oleo and tallow oils were stationary. Cash lard was irregular in company with futures.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Copra, 1-20c. per lb.
Degras, ¼c. per lb.
Perilla oil, ¼c. per lb.
Stearin, ¼c. per lb.

Reduced

Beeswax, crude, African, 1c. per lb.
Brazilian, ½c. per lb.
Chilean, ½c. per lb.
Carnauba wax, No. 1 yellow, 1½c. per lb.
No. 2 yellow, ¾c. per lb.
No. 3 chalky, 1c. per lb.
No. 3 N. C., 1c. per lb.
No. 2 N. C., 1c. per lb.
refined, 2c. per lb.
Cottonseed oil, edible, ¼c. per lb.
Grease, ¼c. per lb.
Lard, Western, 25c. per 100 lbs.
Palm oil, ¼c. per lb.
Red oil, ½c. per lb.
Stearic acid, ½c. per lb.
Tallow, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
132.6	132.8	132.1	137.6

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu. — Quotations were stationary at 7½c. to 7¾c. per pound, but the figures were merely nominal. Arrivals of raw materials have been light for some time past and stocks of oil in the hands of producers have been cleaned up.

Chinawood.—Nominal conditions continued to prevail in local and Pacific coast markets last week, and the general situation remained about as noted in the previous period. Business in futures continued at a standstill in the absence of offerings from abroad where transactions in recent weeks are said to have been limited to occasional small lots of oil in drums for shipment out of Hongkong. In domestic centers supplies were under the control of resellers whose holdings appeared to be comparatively small with quotations ranging from 23c. to 25c. per pound. Advices from the coast reported transactions in a limited way at 22½c. per pound.

Coconut. — Copra was stronger, but aside from this the situation lacked features of more than ordinary interest. Crude oil was quoted by local interests as 4⅝c. per pound in tankcars for November-December delivery, but few transactions were reported, many consumers still being inclined to await further developments in other commodities. The strength of cottonseed oil late in the week aroused some comment in trade circles, but was without influence in other respects. Refined oil was stationary, a fair inquiry being noted. The trend of copra in London was upward during the week, and on the Pacific coast bids were reported late in the period at 2.70c.

Corn. — Quotations underwent little change, the tone of the market apparently being steady. Offerings of crude oil were reported as light in all positions. Buying interest was stimulated to some extent late in the week by an upturn in cottonseed oil.

Cottonseed.—Edible oil was reduced ¼c. per pound by domestic refiners, the market apparently being steady at the decline. There was a somewhat better inquiry though consumers were not inclined to purchase ahead.

Olive.—The tone of the market for denatured oil and foots was regarded as somewhat steadier but prices showed little change, the figures for spot oil being more or less nominal in the absence of any increase in offerings.

Palm.—Quotations were shaded ⅛c. to ¼c per pound, but the tone of the market appeared to be steady. Spot stocks were reported as light and offerings for shipment still appeared to be rather small. There was a fair inquiry.

Peanut.—A steadier tone was noted in Southern markets late in the week as a result of the upturn in cottonseed oil. A report from Washington stated that a program to maintain prices to peanut growers for their 1937 crop by diverting a portion of it to oil and by-products has been formed by the Agricultural Adjustment Administration. The program was prepared in cooperation with growers and the quantity which will be diverted into oil and by-products will depend upon the demand for peanuts for edible purposes.

Perilla. — The market had a firmer tone, quotations in some instances being ¼c. per pound higher. Stocks available for prompt delivery appeared to be small, some sellers not being in a position to offer, and there was no increase in offerings for early shipment from abroad where stocks were also said to be light.

Rapeseed.—Buying interest was limited at prevailing prices but the market retained a firm tone as spot stocks are small and replacement costs remained high.

Markets at Other Centers

San Francisco, Sept. 29.—The vegetable oil market last week as a whole showed but little, if any, change in the price structure. Most transactions followed a more or less routine course.

Ruling prices are:—

COCONUT.—The market remained steady last week, buyers entering the picture in a routine way. Quoted for future positions at from 4⅛c. to 4¼c. per pound, f.o.b. tankcars, Pacific Coast ports and/or mills. Nearby and prompt shipment oil from the Pacific Coast quoted at 4⅜c.

COPRA.—The selling element appeared to have charge of the market to quite an extent. Offerings from source have been somewhat slow and sellers have been waiting for bids, upon which they have acted if the levels met with their ideas. The market was not overly active last week and is quoted at the moment as ruling between 2.60c. and 2.65c. per pound, c.i.f. Pacific Coast ports.

CHINAWOOD.—Steady, with material remaining scarce. Spot and nearby oil was reported sold in this market last week on the basis of 22½c. per pound in tankcars, f.o.b. Pacific Coast, with drums registering 1c. higher. Sellers are able to offer on this basis today. Cables from Hongkong indicate small supplies in drums are occasionally available.

PERILLA.—Crude perilla oil is quoted on the basis of 12¾c. per pound, tankcars, f.o.b. Pacific Coast ports, for either spot or future delivery. Drums, 1c. higher.

SESAME.—Crude sesame seed oil is quoted in a strictly nominal position at 8¼c. per pound in tankcars; 9c. per pound in drums, f.o.b. Pacific Coast mills, if and when available, with most sources of supply unable to offer.

TEASEED.—Strictly nominal, in the absence of offerings from China. Last quotations figured on an approximate basis of 9¼c. per pound in tankcars, f.o.b. Pacific Coast ports, September-October shipment.

Chicago, Oct. 1.—The vegetable oils are still in a somewhat unsettled market status. Coconut oil seems still trying to adjust itself, and is quoted around the lowest basis yet reached. Buying is not very active in this product.

COCONUT.—Crude oil, 4¼c. per pound, prompt shipment; deferred, same price; Coast basis.

CORN.—Crude, low acid, 6½c. to 6¾c. per pound, mills, partly nominal. Refined, edible oil, 10¼c. to 10½c. per pound, car lots; and 10¾c. to 11c., drums, less than car lots.

CHINAWOOD.—Ruling on a nominal basis; spot, drums, last quotation around 19c. per pound; deferred, same basis.

SOYBEAN.—Crude, prompt shipment, 6c. per pound, drums.

PEANUT.—Crude, 6¼c. to 6½c. per pound, Southeast.

Chicago, Oct. 1.—Range for soybeans for the week ended September 29:—No. 2, yellow, spot, one price, 95½c.

London, Sept. 23.—Soybean, British crude, 30s. per hundredweight; palm kernel oil, refined, 32s.; rapeseed oil, crude extracted, 37s.; coconut oil, Ceylon, 23s. 6d.; peanut oil, Bombay crude, 30s.; sardine oil, 19s. 6d.; whale oil, crude, 18s. 9d.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Linseed Oil

Flaxseed quotations were irregular. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, Oct. 1.—The local cash demand for flaxseed has been good here. About 20 cars were sold to crushers at $2.21½ to $2.27. Futures were quiet and irregular. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$2.17	...	$2.01
Monday	2.21	2.05	2.03
Tuesday	2.23	2.06½	2.07¾
Wednesday	2.22½	2.06½	2.07½
Thursday	2.22½	2.06½	2.07
Friday	2.25	2.05½	2.07

Crop movement in bushels follows:—

	Receipts— 1937.	1936.	Shipments— 1937.	1936.
This week..	137,295	46,868	21	....
Since Aug. 1...	270,036	523,188	107,101	89,903

MINNEAPOLIS, Oct. 1.—Flaxseed premiums in the local market are advancing again because of more limited offerings and signs of a fading movement from the interior. Local crushers have been very good buyers and there has been some competition from Duluth right along. So far no shipments have been made from the head of the lakes but some are expected shortly. Not so long ago Argentine seed was coming up the lakes and now domestic seed is about to move down.

The bulk of the movement of new seed is coming from the northern part of the producing area and quality is very satisfactory on the whole. A few cars of rain-soaked seed have been received but otherwise very few loads showed as much as 10 percent moisture. About 90 percent of the receipts are being consigned from northern Minnesota and North Dakota currently. The flow of southern Minnesota seed has dropped off sharply.

Demand for the southern seed is not quite as good because of the far superior quality of the northern seed but none of the offerings are neglected. Southern seed sells at 3c. to 4c. discount under northern, some 5c. under.

Offerings during the week past were liberal, about 75 cars a day and with crushers operating 75 percent of capacity and more a good share of the movement goes into consumption immediately. Stocks in local public elevators gained 35,000 bushels in three days. Deliveries on September contracts today, 1,000 bushels, making a total of 69,000 for the month so far. Total open interest in September contracts at the close of the Monday session was 3,000 bushels. None of the delivered seed has been ordered out as yet.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$2.17	$2.04	$2.06
Monday	2.21	2.08	2.10
Tuesday	2.23	2.09¾	2.12
Wednesday	2.23½	2.09½	2.11½
Thursday	2.23½	2.09½	2.12
Friday	2.26	2.10	2.10½

Crop movement in bushels as follows:—

	Receipts— 1937.	1936.	Shipments— 1937.	1936.
This week..	401,720	25,000	3,130	16,720
Since Sept. 1...	1,868,870	162,000	78,170	191,520

WINNIPEG, Oct. 1.—The market for flaxseed futures was quiet and irregular. The week's closing range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.74¼	$1.74⅞	$1.77⅝
Monday	1.77¼	1.77⅝	1.80
Tuesday	1.77⅜	1.78	1.80⅝
Wednesday	1.78¼	1.79⅛	1.81⅝
Thursday	1.75½	1.77¼	1.78¼
Friday	1.78¼	1.78¼	1.77⅞

BUENOS AIRES, Oct. 1.—Opening prices per bushel on October contracts were:—

	Last week.	Last year.
Saturday	$1.33⅞	$1.24⅝
Monday	1.33⅝	1.23⅝
Tuesday	1.36⅝	1.22⅝
Wednesday	1.35½	1.21⅝
Thursday	1.34⅞	1.19⅝
Friday	1.34⅞	1.19⅝

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	571,000	120,000	610,000
United Kingdom	4,000	.....	.....
Continent	417,000	138,000	472,000
Orders	154,000	413,000	437,000
Others	31,000	.....	.....
Totals	1,177,000	677,000	1,519,000

Since January 1

To—	Bushels— This year.	Last year.
United States	20,932,000	9,728,000
United Kingdom	500,000	839,000
Continent	17,177,000	22,699,000
Orders	14,868,000	10,262,000
Others	4,884,000	2,310,000
Totals	58,361,000	45,838,000

Visible Supply

	Bushels.
Last week	3,543,000
Previous week	3,937,000
Last year	5,512,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	356,000	144,000	236,000
Continent	.....	.....	.....
Others	.....	180,000	4,000
Totals	356,000	324,000	240,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	4,772,000	5,780,000
Continent	232,000	732,000
Others	820,000	232,000
Totals	5,824,000	6,744,000

HULL, Oct. 1.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£13⅜	£15⅞
Monday	13⅜	15⅞
Tuesday	13½	16
Wednesday	13½	15⅞
Thursday	13⅜	15⅞
Friday	13⅜	15⅞

Linseed Oil.—A steady tone prevailed but aside from this the local oil situation lacked features of interest, the market being reported as extremely quiet so far as new business was concerned. At the close of the week 10.4c. per pound was generally quoted for tankcars with the usual differential prevailing for oil in cooperage.

There was a steady movement into consuming channels on contracts previously placed, the withdrawals being sufficient to prevent any additions to supplies at the mills. Stocks in the hands of crushers were said by some to be unusually light for this period and the situation at other crushing centers were said to be similar in this respect.

Demand for cash flaxseed in domestic markets was reported as active and offerings were well absorbed, especially in the case of prime seed, most of the arrivals being of this description, although less favorable accounts were received concerning the quality of the arrivals at terminal points from the southern part of the flaxseed belt.

There was no change reported in the situation in Argentina, where recent rains were said to have improved the outlook for a good yield in important sections, although further additional moisture was reported to be needed in the western zones.

Receipts of flaxseed at New York last week were 79,855 bushels.

There was no trading in linseed oil futures on the New York Produce Exchange from September 25 to October 1, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	...	...	9.80@9.99
December	...	...	9.80@9.99

MINNEAPOLIS, Oct. 1.—Trade is pretty good on the average and has been for the week past. A better quality of oil this season tends to stimulate the demand from paint manufacturers. This year the iodine content measures up to and above government specifications and this type of oil is better for paint mixing.

Most of the buyers are buying for shipment up to the end of the year and some of the larger consumers are taking supplies for shipment up to the end of next April. Inquiry for deferred shipment is becoming more general now. This interest is being stimulated by reports of slow progress of the Argentine crop and the inadequacy of rainfall in that country. In addition it looks as though there would be a broader demand for paint this coming year.

Shipping instructions are very good, but at present capacity crushers are able to increase their reserve stocks slightly. About 75 percent of the presses are running currently and have been lately. With flaxseed stocks piling up operations are apt to be steady and may increase slightly for a time, depending on the demand for oil and meal. Higher iodine content is helping local oil trade this season.

Quotations on carload lots f.o.b. Minneapolis, cooperage 11c. per pound, tankcar lots 10.4c. per pound, warehouse lots 11.4c. per pound.

Shipments of oil pounds were as follows:—

	1937.	1936.
This week	1,506,253	254,768
Since Sept. 1	9,096,746	4,212,973

CHICAGO, Oct. 1.—The linseed oil market has been looking a little steadier lately. Instructions on contract are reported reaching sellers at a fairly good rate. Buyers are inclined to continue along the line of considerable caution. Inquiries are coming in at a fair rate, indicating continuation of a considerable potential buying power. Ruling prices are:—Tankcar, 10.4c. per pound; car lots, 11c.; less than car lots, 11.4c.

SAN FRANCISCO, Sept. 29.—Linseed oil has further tightened just lately, the going price for oil creeping up closer to the posted levels as quoted by the larger sellers. Today a spread of only two points seems to separate the posted price from the basis at which oil has been moving in tankcars. Sellers feel sure that buyers are not as fully contracted for the balance of the year as they might be and expect more business soon. Quoted:—Tankcars, 10.6c. per pound; drum car lots ex mill, 11.2c.; drum lots ex warehouse, 11.6c.

LONDON, Oct. 1.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	29	7½
Monday	29	10½
Tuesday	30	0
Wednesday	29	10½
Thursday	30	0
Friday	30	0

Cake and Meal.—A steady tone prevailed, quotations being maintained at previous levels. The export inquiry for cake continued to be reported as good. Purchasing of meal by domestic interests was generally limited to unimportant quantities. Stocks of both cake and meal were said to be light.

MINNEAPOLIS, Oct. 1.—Demand for meal has lost a little of its force lately but still is good enough to maintain prices. Consuming demand is broader because feeders have more feed of their own this season and can afford more of a supply of concentrates. Generally speaking the situation is the best in six or seven years. Crushers report very good shipping instructions.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $32 to $32.50 per ton. Protein content is higher than last year and is hard to keep down with the use of new crop flaxseed.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	4,237,008	1,034,129
Since Sept. 1	22,739,166	4,120,543

CHICAGO, Oct. 1.—Linseed meal recently has shown evidence of leveling out and reaching a stabilized market zone, after long-continued easiness. Buying is responding fairly well and tone is steady. Feeders are in the market for fair amounts of material. Resellers are offering a certain amount of material. Round lot business remains light. Ruling prices are:—Round lots, $32 per ton, mostly nominal; car lots, $32 to $32.50; less than car lots, $34 to $34.50.

Cottonseed Oil

Refined cottonseed oil futures recovered after early irregularity. Crude oil was more active and steadier. Crop news mainly favorable.

Cottonseed Oil.—The market for refined cottonseed oil futures displayed irregularity early in the period but later on an upward trend developed owing mainly to a report that a movement has been started in the South to bring about higher prices for cottonseed oil through the purchase of 500,000,000 pounds by government agencies. According to the published report, the plan is backed by Senator Bankhead who proposes that a delegation of Southern representatives seek a conference with Washington authorities in the near future. The report caused buying for both short and long account, and with offerings of contracts light for the time being at least, prices moved up about 25 points.

Earlier in the week there was sufficient liquidation and bearish pressure to give the market an easier tone, dropping moderately below the final quotations of the previous week. Selling was not of an aggressive character at prevailing prices, however, and later on the pressure of trading switched to the buying side. On the upturn hedge selling was noted, but sentiment in some local and other quarters appeared to be more friendly to the long side. Some contended that the recent decline discounted much that is bearish in the existing situation. There was an impression in some quarters that the forthcoming monthly cottonseed report from the Census Bureau would make a bullish showing with respect to the consumption of oil during September and also that the monthly lard statistics would show a very heavy loss in stocks.

Crude cottonseed oil was steadier in Southern markets, reports being current of liberal purchases at 6c. in the Southeast and 5¾c. to 5⅞c. in the Southwest with offerings light late in the week and sellers inclined to hold for higher prices. Copra was stronger abroad, the London market being sharply higher with reports of buying by Germany and other European countries, and the market here for miscellaneous oils and fats had a steadier tone. Cotton and lard futures had an upward trend at times though changes were not very wide. The quantity of cotton ginned to September 16 was 4,266,617 bales, or 556,000 bales more than in the same time last season. Marketing of hogs continued on a moderate scale, arrivals in the principal western centers for four days of the week aggregating 167,300 head against 181,900 head in the same time last year. The weight of the hogs received in Chicago during the week ended September 25 averaged 262 pounds, the same as in the previous week.

The weekly government report stated that in Texas picking and ginning of cotton are practically completed in the southern half of the state and rapid advance was made in the northern half; condition of the crop is generally good. In Oklahoma picking made mostly good advance although there was some complaint of slow opening in western sections; much is being snapped. In the Central and Eastern states of the belt picking made mostly good to excellent advance. The crop is opening rapidly in all sections.

Trading in bleachable prime summer yellow cottonseed oil futures on the New York Produce Exchange from September 25 to October 1, inclusive, comprised 842 contracts, a total of 50,520,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.48	7.18	7.40 sales
March	7.53	7.25	7.46 sales
May	7.59	7.33	7.53 sales
October	7.35	7.02	7.33@7.35
December	7.45	7.15	7.35@7.38
Crude, Southeast, 6.00c. Nom.			

Chicago, Oct. 1.—The general cottonseed oil market situation at this point seems to be a little unsteady, although it gives evidence of less instability than was the case at certain times earlier. Buying is reported to be of fair totals. Inquiries are coming in moderately. Good, off-Summer, yellow fig oil is 7⅜c. per pound. Refined, edible oil is quoted at 9½c. to 9¾c. per pound, barrels, car lots; and 9¾c. to 10c., barrels, less than car lots.

Hull, Oct. 1.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	24	0	21	0
Monday	24	0	21	0
Tuesday	23	6	20	6
Wednesday	23	6	20	6
Thursday	23	6	20	6
Friday	23	6	20	6

Cake and Meal.—A steadier tone was noted in Southern markets where some

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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increase was reported in the inquiry from domestic interests. There were also reports to the effect that the export inquiry has latterly shown some improvement. Offerings of spot material were reported as light.

Markets at Other Centers

Atlanta, Sept. 28.—Prices of cottonseed products continue weak as seed are pressed on the oil market. Ginning is proceeding rapidly to take care of the demand now reaching its peak.

Over most of the cotton belt weather is favorable for harvesting, only the lower South being hindered materially by rains. Reports of inferier seed of low oil content continue to come from oil millers.

Quotations of this market are as follows:—

OIL.—Prime crude, 6c. per pound.

MEAL.—7 percent grade, $20 per ton, interior mill points.

HULLS.—Loose, $7 ton.

SEED.—$20 ton, shipping points.

Memphis, Oct. 1.—Considerable selling of crude cottonseed oil during the week at 6c., Valley basis. Mills are now apparently well sold ahead against seed receipts, and offerings at this time are rather light. The advance in the New York market took place today on rumors that the government will probably buy some cottonseed oil for relief, causing mills to advance ideas on crude oil to 6⅛c. Mills for the most part are now awaiting further developments. Cottonseed meal and cake have been advancing under good domestic and export demand. Prime 41 percent meal, $21 per ton, Memphis basis. Cake, 41 percent, $18.50 per ton, Valley basis. Hulls, $2 to $3 per ton, according to location. Weather continues favorable and picking is extending to the northern part of the belt.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	September 23.	September 30.
October	$20.00@20.25	$20.65@——
December	19.75@19.90	20.40@——
January	19.65@19.90	20.30@20.60
March	——@——	20.65@20.80

Animal Oils

Degras.—A shrinkage in supplies was reflected in a firmer tone, especially as offerings from abroad were lighter. There were reports of sales of crude at 8c. per pound, and in some quarters higher prices were named.

Lard.—Quotations were stationary and the tone of the market appeared to be somewhat steadier, although there was no broadening of trade, such transactions as were reported being limited to unimportant quantities.

Neatsfoot.—Previous selling schedules remained in effect, the tone of the market being steady. Demand was somewhat better though consumers showed little disposition to anticipate.

Oleo.—Supplies were said to be light and far below normal, production having been curtailed for some time past by the shortage of raw material. Prices were nominal.

Markets at Other Centers

Chicago, Oct. 1.—The animal oils business has been of a spotty and not very conclusive nature. Trade has been in fair aggregate volume. Most of the buyers are reported to be those asking for prompt shipment of rather small amounts of material. Lard oil has been doing a little better marketwise, according to some reports, while other materials are irregular.

LARD.—No. 1, 11c. to 11¼c. per pound.

OLEO.—No. 2, 12c. to 12¼c. per pound.

TALLOW.—Acidless, 9½c. to 9¾c. per pound, tanks; 10¾c. to 11c., drums.

Fish Oils

Menhaden.—There were no further developments in the way of changes in quotations for refined oil, recently revised selling schedules remaining in effect with the tone of the market apparently steady. Business continued along rather narrow lines, many consumers being disinclined to purchase in advance of current or nearby requirements. Reports concerning fishing operations were still mainly of an unfavorable character and offerings of crude oil were apparently small.

Sardine.—Refined oil was steady at the recent advance. There were reports of a fairly active demand though purchases apparently did not involve important quantities. Crude offerings were reported as light, with the Coast market quiet and mainly nominal.

Sperm.—Quotations on refined oil were stationary and the tone of the market appeared to be firm. There was a steady movement into local and outside consuming channels.

Markets at Other Centers

San Francisco, Sept. 29.—While a steady tone marked fish oil trading last week in this market, a turn for the better in the matter of production appeared yesterday when fishing boats, operating in the waters off San Francisco and Monterey Bays, turned up with catches of fish which were, if not large in volume, at least giving more encouragement to the producers. So far this season fishing has been running in a sub normal fashion, and during the period of the moon, starting on the 20th of this month and ending about the 25th, the prediction was made that when the boats did go out once more a crisis for the season would probably be reached. The boats are unable to locate catches during a full moon period and do not operate. Running into the dark period a few days ago, the boats turned in their really first successful catches of fish this season and those in the industry are hoping that the present is the turning point. In any event, if the fish have been present in large quantities, nothing heretofore this season stood ready to prove it. As conditions stand, even the few days left this month, with good fishing, are not likely to boost the catch tonnage much above 30 or 35 percent of the tonnage for a like period last year.

With spot oil commanding a premium, there was reported during the past few days a movement of one or two tankcars at 37½c. per gallon for California sardine, while the movement of a spot tank or so was reported at Aberdeen, Washington, at a figure of 37c. Meantime, the market here for regular run future delivery, on an if and when produced basis, is ruling at 36c., with this price figuring in the trading of several tankcars. At one time during the week the price dipped to 35½c., but later during the same day a further transaction was made at 36c. and the low price was regarded as something akin to a freak transaction in the trade, there apparently being no reason for it.

The Alaska herring situation is rapidly drawing to a close, with the closing of the major production area there due at the end of this month. Reports say the oil yield will be very close to that of last year, when something in the neighborhood of 4,000,000 gallons were made.

Baltimore, Sept. 29.—Another period of inactivity ensued following the sale of thirty or more tanks of menhaden oil the previous week. The weather combined with the reluctance of buyers to place additional orders and the unwillingness of fishing companies down the bay to take on further commitments, in view of the possibility that the obligations already assumed by them will remain unfilled, at least in part. Climatic conditions during the past week were not favorable to the activities of the fleet and the catches made were generally small, with the fish showing no such condition as would justify expectations that the stocks of oil would be impressively increased. The small size of the fish and their poor state constitute one of the unusual aspects of the current season. Generally by the end of September the fish are large and fat, with an impressive oil yield, but this season so far has proved an exception, making it doubtful whether or not the producers of oil can take care of business on their books. The producers, of course, feel that the market ought to go higher, while the buyers maneuver for concessions. The last sales were made at 35c. per gallon. The quotation of refined oil remain stationary at 54c. to 56c. per gallon for white pressed, 56c. to 58c. per gallon for yellow bleached and 58c. to 60c. per gallon for white bleached.

Fats and Greases

Grease.—An easy tone prevailed, prices generally being ⅛c. under the levels ruling in the previous week, with offerings apparently light. There was a fair inquiry from local and other buyers.

Lard.—Quiet conditions prevailed much of the time in the cash market, interest on the part of domestic consumers being limited to small or moderate quantities. The export inquiry continued light. Prices were irregular in company with futures. The indications pointed to a further heavy decrease in lard stocks for the month of September. Marketing of hogs was on a moderate scale.

Stearin.—The inquiry was more ac-

(Continued on page 63)

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Potassium Hydroxide USP Sticks and Pellets
Potassium Iodide USP Crystal, Granular or Powder
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Drugs, Fine Chemicals

Decline in Citric Acid Prices Reflected in Similar Movement in Potash and Soda Citrate Quotations—Aloin Higher —Freshening Demand for Seasonal Items

Price features in the market for drugs and fine chemicals last week included higher quotations on aloin, and lower ones on citric acid, potash citrate, and soda citrate. Demand in the market as a whole was very good, seasonal items being in excellent request and contributing much to the general stability of prices.

The decline in citric acid prices followed a long period in which stability has been noted. It came just when demand was undergoing its usual and seasonal decrease coincidental with the end of the summer period. That lower quotations should be established on soda and potash citrate was no cause for surprise, considering the movement in the price on acid.

The advance in quotations on aloin reflected the further rise in raw material costs duly reported in the previous trading period. Other items of marked strength included podophyllin and ephedrine. These latter were under the influence of a subnormal stock of raw materials.

Cadmium and calcium bromides held firm at the rise in the previous week, and tannic as well as gallic were notable for strength based on uncertainty concerning future supplies of raw material.

Acetphenetidin. — The season during which distribution increases as buyers cover their larger needs of the Winter period was at hand and a moderate gain in sales volume came to a market very steady in all respects.

Acid, Acetylsalicylic. — Business was somewhat more active. Coverage of the rising requirements usual to the market during the pre-winter season was noted and volume was very good. Prices were very steady.

Acid, Citric.—Prices were reduced 1c. per pound last Thursday. New quotations were minimum at 24c. per pound for crystals in barrels; kegs, 24½c.; granular, barrels, 24c, kegs, 24½c.; powder, 24½c.; anhydrous, granular, 26½c.; powdered, 27c. This is the slower season of the year and conditions have become more competitive.

Acid, Gallic.—Strong undertones prevailed and prices continued to have an upward tendency because of the situation in raw materials. Demand was very good.

Acid, Lactic.—Somewhat irregular request was noted for the U.S.P. article. Most buyers bought close to actual needs. Quotations seemed to be generally steady and clear of most conditions likely to be productive of a more competitive market.

Acid, Tannic.—Quotations had a tendency toward further rise because of the adverse situation in raw material. Demand was also a supporting element in the situation.

Acid, Tartaric.—Demand was rather slow on the whole and the market was being subjected to the repression often developing when the demand of Summer has ceased to a considerable extent. Trade was distinctly routine last week.

Alcohol.—Producers of completely denatured material reported large activity at the plants. Shipments have gained steadily and the market was subject to a steady and enlarging demand caused by the nearer approach of the cold weather season when protection of motor vehicles will raise consumption of the material. Good demand for other denatured alcohol formulas was reported, and ethyl alcohol also had a satisfactory call from the wide range of consumers.

Aloin.—The recent advance in quotations on raw material found reflection in prices on the derived material. The minimum quotation was $1.90 per pound last week, and the range was to $1.99 according to quantity and packing.

Aminopyrine.—Seasonal interest has increased since distributors were preparing for the larger consumption usually present during the Winter months. Prices were firm.

Ammonia Bromide.—Interest in this item was very good and seemed to be improving as the Winter months with the increased need of this article drew closer. Prices were steady to firm.

Ammonia Chloride.—Consumption of the U.S.P. article was due to be increased in the not far distant future. More inquiry came from distributors and hence a more active market at firmer prices prevailed last week.

Antipyrine. — Sales volume showed some improvement and a further betterment of trading was expected since consumption during the Winter months usually gains and therefore distributors show a disposition to increase their inventories.

Caffeine.—The higher prices recently established were firm. More demand for citrated caffeine was noted and continued improvement was considered to be a reasonable and probable certainty now that Winter needs must be covered in part at least.

Camphor Monobromated.—Quotations were steady at the recent rise and with prospects for increased demand being excellent because of seasonal considerations, the market was judged to be fully firm.

Castor Oil. — Steady trading and firm prices were the rule. While the movement was not all it should be at this time of the year, it was still sufficient to keep undertones steady and competition was within narrow bounds.

CHICAGO, Sept. 30.—Business in castor oil has been showing the favorable effects of a seasonal expansion in demand. Tone of the whole market seems to be steady, with orders being numerous. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Codeine. — Phosphate and sulphate have moved somewhat more actively, but the larger sales incident to increased needs during the Winter have yet to develop. Prices were very firm.

Ephedrine. — It was next to impossible to get anything like a firm price on this item in all its forms. Any open price would be purely nominal and on that basis unfirm quotations were heard anywhere from $6.50 to $9 per ounce.

Glycerin. — The market was very steady. While consumption was not expansive, it was still substantial and productive of a satisfactory total volume of transactions. Prices were very steady in all quarters and were expected so to remain for a while at least.

CHICAGO, Sept. 30.—Glycerin mostly remains in firm and steady price position. Sellers are not inclined to make many concessions to buyers. Orders on contract for c.p. are coming in well. Ruling prices are:—C.p., car lots, 21½c. per pound; drums, less than car lots, 22c.; cans, less than car lots, 23½c. to 25c., according to quantity; dynamite, car lots, 21½c.

Potash Citrate. — Because of a 1c. decline in prices on citric acid, quotations on this citrate were also lowered 1c. per pound last Thursday. New quotations stood at 34c. per pound for granular in barrels; 35c. in kegs, and 36c. to 39c. in cans.

Quinine. — Steady movement to buyers was an indication that buyers were protecting their requirements during the

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloin, 10c. per lb.

Reduced

Citric acid, 1c. per lb.
Potash citrate, 1c. per lb.
Soda citrate, 1c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.6	**182.6**	**181.5**	**180.3**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
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C/P

RUSSIAN WHITE MINERAL OILS
Genuine Imported U. S. P.
FLAG BRAND WHITE OILS
All Viscosities
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
NAPHTHENIC ACID SLUDGE . . . NAPHTHENIC SOAP
S. Schwabacher & Co., Inc., 25 BEAVER STREET NEW YORK

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
MANUFACTURERS OF FINE CHEMICALS
OXY-QUINOLIN
(8-HYDROXY-QUINOLIN)
Base or Sulphate

TARTARS
WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N.Y.
MUrray Hill 6-1990

HEYDEN
fine chemicals
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
Benzaldehyde
Bromides
Silver Proteins
Glycerophosphates
FINE HEYDEN CHEMICALS
HEYDEN CHEMICAL CORP.
50 UNION SQUARE NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
factories: GARFIELD, N.J. - PERTH AMBOY, N.J.

active Winter season that is nearby. Prices were firm. There is no surplus of quinine in Italy. The production there is large enough to meet domestic requirements. The sale of this drug is a monopoly of the Government, although exports can be made by any firm. The Italian Government owns a plantation at Java with an area of 1,000 hectares. At present enough quinine to meet the Italian requirements, estimated at around 8,000 to 9,000 metric quintals per annum, is produced. The Italian Government also owns in Turin, a laboratory for the production of quinine. It is stated that a few months ago there was such a shortage in Italy that the combating of malaria in certain sections was severely hampered. Investigations and experiments are going forward in Italian East Africa, but no one knows yet whether cinchona can be grown there successfully. Even if it can, it would be many years before enough could be produced to meet Italy's needs.

Quicksilver.—Only a routine business was reported. A very fair jobbing sale was reported, but transactions involving substantial quantities were lacking on this market last week. Prices were not reduced further, but the undertone was still on the easy side.

SAN FRANCISCO, Sept. 27.—Interest in quicksilver remained light last week, sellers having difficulty in moving more than a few flasks at prices ranging from $90 to $91 per flask, New York basis. Inquiry was light here all week.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London are also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅞	44¾	19⅛
Monday	32⅞	44¾	19⅛
Tuesday	32⅞	44¾	19⅛
Wednesday	32⅞	44¾	19⅛
Thursday	32⅞	44¾	19⅛
Friday	32⅞	44¾	19⅛

Soda Citrate.—A 1c. decline in citric acid prices last Thursday was accompanied by an identical drop in quotations on this citrate. New prices were as follows:—U.S.P. VIII granular, barrels, 20c.; kegs, 21c.; cans, 22c. to 25c.; U.S.P. X, granular, barrels, 26½c.; kegs, 27c.; cans, 28½c. to 31½c.; powder, barrels, 27c.; kegs, 28c.; cans, 29c. to 32c.

Dr. Feirer Heads S.&D. New Medical Division

Dr. William A. Feirer has been appointed medical director of the newly created medical division of Sharp & Dohme, pharmaceutical manufacturer, Baltimore, according to John S. Zinsser, president of the company. Dr. George H. Krall, associate medical director, will continue his present duties.

Phillips Studio

Dr. William A. Feirer

Dr. Feirer, as director of the new division, will be responsible for the ethical activities of the company in all its phases. Extensive clinical work is to be conducted on old and new products. Contact is to be maintained with outstanding research being conducted by medical schools and research laboratories throughout this and other countries.

Following graduation from Rutgers University in 1922, Dr. Feirer entered Johns Hopkins School of Hygiene and Public Health, where he received his D. Sc. degree. He was a member of the Johns Hopkins Department of Bacteriology from 1923 to 1930, and while on the staff, also attended medical school and received in 1930 his medical degree and license to practice medicine. He also studied pathology at the Summer sessions in the University of Chicago.

After graduation from medical school, Dr. Feirer became a member of the staff of the Mulford Biological Laboratories, conducting research on smallpox vaccine and antiseptics. In 1932 he was made a member of the staff of Johns Hopkins Hospital Medical Service, specializing in dermatology and syphilology. Two years later he returned to Sharp & Dohme as director of the scientific department. In 1936 he was made director of the Mulford Biological Laboratories, in which capacity he had been functioning until his recent appointment as medical director. He is a member of the American Society of Bacteriologists, the American Medical Association, the American Public Health Association, and the American Society for the Advancement of Science.

W. L. Gay, former representative of the National Fertilizer Association in District 2, has been appointed manager of the fertilizer department of F. W. Berk & Co., this city. Mr. Gay was at one time associated with the Summers Fertilizer Company and also with the G. L. F. Co-operative, Inc., Baltimore. L. M. Aycock has joined the Berk organization as manager of technical service. Mr. Aycock is a former consulting chemist.

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NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular Impalpable
NATIONAL MILK SUGAR CO., Inc.
350 Madison Avenue, New York, N. Y.

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For Prompt and Future Delivery
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 West 34th Street, New York City
Factory—Elizabethport, N. J.

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C. P. Crystals and Resublimed Crystals
RESORCIN—(Technical—U. S. P.)
PENNSYLVANIA COAL PRODUCTS CO.
PETROLIA Established 1916 PENNSYLVANIA

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Representing
E. I. du Pont de Nemours & Co., Inc.
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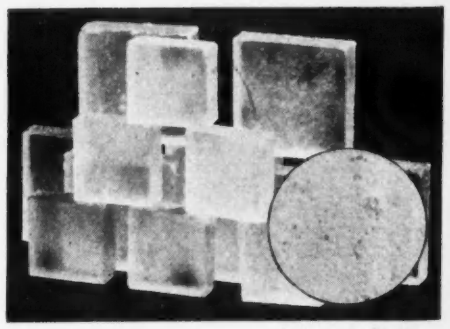
ALKALIES
Hawaiian Pineapple Company
CITRIC ACID
U. S. P.
Isdahl & Co., Ltd., A/S
COD LIVER OIL
Acetanilid
Benzoates
Chromic Acid
Chloroform, U. S. P. & Tech.
Olive Oil
Menthol
Lycopodium
Paradichlorbenzene
Quinine Sulphate
Insect Flowers
McKESSON & ROBBINS, INC.
NEW YORK BRIDGEPORT MONTREAL

Every Tablet of
SHERKA
CAMPHOR, U. S. P.
(Synthetic)
is identical in quality, purity and capacity for camphor action . . .



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for MEDICINAL, MOTH PREVENTIVE and OTHER PURPOSES
Meets all U. S. P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.), Slabs (2½ lbs.) and Powder — all available from one source.
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BORAX
Reg. U. S. Pat. Off. PURITY GUARANTEED OVER 99.5% Reg. U. S. Pat. Off.
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TRONA Reg. U.S. Pat. Off.
"TRONA" MURIATE OF POTASH
TRONA Reg. U. S. Pat. Off.
A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

Obituaries

James P. Whitters

James P. Whitters, treasurer and general manager of the Alkalol Company, Taunton, Mass., and throughout his life one of the most active citizens of the city, died September 25 in his home following an attack of angina suffered while playing golf at the Segregansett Country Club. He was seventy-one years old.

Born in Pawtucket, R. I., Mr. Whitters' family moved to Taunton soon after the Civil War. He, after graduation from high school, became a clerk for A. J. Barker, druggist. He became a registered pharmacist and then manager of the store. About 1895 he formulated the proprietary medicine "Alkalol." Mr. Whitters travelled extensively, and the business grew so rapidly that in 1907 the Alkalol Company was incorporated and installed in a factory of its own, with Mr. Whitters as treasurer and general manager, which post he held continually up to the time of his death. Mr. Whitters was a president of the Taunton Chamber of Commerce; member of the Taunton Manufacturers Association; and instrumental in forming the Taunton Rotary Club. He took a keen interest in the underprivileged boy and served for several years as director of the Boys Club.

Mr. Whitters was twice married. His first wife, who was Miss Lillian Walker, died a few years after marriage, and in 1912 Mr. Whitters married Miss Florence M. Walters, of Syracuse, N. Y., who survives with two children, Mrs. George M. Dennis, of Lisbon, Portugal, and James P. Whitters, a senior at Yale University.

Walter H. Atherton

Walter H. Atherton, son of Henry F. Atherton, president and chairman of the board of the Allied Chemical & Dye Corporation, was found dead of a gunshot wound in the family home in Brookville, L. I., September 24. He was twenty-one years old.

Mr. Atherton was a member of the senior class at Harvard and was on the eve of returning to resume his studies. His room, in which he was found, contained a number of partly packed bags that he was preparing for his departure. He had recently returned from a camping trip in Maine and had lunched with the family a short time before his death was discovered. The pistol with which he was killed had been a part of the equipment on his camping trip.

The tragic death of his son is a blow to Mr. Atherton, sr., which is shared with sympathetic grief by his associates in the Allied organization and by his friends in the chemical manufacturing industry. The REPORTER joins these in heartfelt condolences to the bereaved family.

Charles V. Drew

Charles Verner Drew, vice-president and a director of the Cerro de Pasco

(Continued on page 63)

Sharp & Dohme Makes Long Sales Director

John S. Zinsser, president of Sharp & Dohme, Inc., pharmaceutical manufacturer, Baltimore, has announced with regret the resignation of James H. Pauley as general sales director, due to ill health. At the same time Mr. Zinsser announced the appointment of E. Hugh Long as general sales director to succeed Mr. Pauley.

Mr. Long is thoroughly conversant with the sales organization of the company and has demonstrated his ability time and again in the organization and leadership of sales staffs. His intimate knowledge of the Sharp & Dohme line of pharmaceuticals andt Mulford biologicals has been developed through long and varied association with them. He became associated with the H. K. Mulford Company in 1906, as a salesman, and was assigned to Central Texas. Following various activities as salesman, detail man, and special representative, he was made Dallas division sales manager in 1924. During the time of the consolidation of the Mulford company and Sharp & Dohme, he was given also the Kansas City division. In 1933 Mr. Long was transferred to Philadelphia as sales manager of the Central divisions. A year and a half later he became sales promotion manager and then assistant general sales director.

E. Hugh Long

Cincinnati Paint Ass'n Elects Bradley President

The Cincinnati Paint, Varnish and Lacquer Association, at its initial meeting of the season, September 21, elected the following officers:—

President, Edmund J. Bradley, secretary-treasurer of the Perry & Derrick Company; vice-president, G. H. Morris, of the Ault & Wiborg Company; secretary, F. K. McCarthy, of the National Lead Company, and treasurer, Albert Schreiner, jr., of the Wilson Paint Company. E. A. Foy jr., who retired as president after two terms, was elected an honorary vice-president. Executive committeemen elected are:—M. C. Davis of the Aluminum Company of America; Hugh Conley, of the Eagle-Picher Lead Company; W. H. Crawford, of the Wilmer H. Crawford Chemical Company, and Richard Franz, of the Continental Can Company.

Plans for the convention of the National Paint, Varnish and Lacquer Association, at the Netherland-Plaza hotel here, next month, were discussed, and the following were elected to represent the Cincinnati organization:—Delegates: E. J. Bradley, George W. Schneider, jr., A. F. Winstel, Lawrence Becker, C. E. Ginn; alternates: J. J. Richmond, Charles Hardig, Harry Inderhees, C. M. Durbin, and A. W. Schreiner, jr.

It was announced that the Cincinnati Paint Golf Club was again successful in winning the De Lore Golf Trophy for the second year in succession.

Erich Gumpert, director of Astra Metals & Residues, Ltd., of London, will make a tour of the United States and Canada to visit the principal centers for non-ferrous metals with a particular view to making contracts for ores. He also is making contracts with chemical manufacturers for the distribution of their products in Europe. He will make his headquarters at the offices of Weil-Robbins, Inc., 117 Liberty Street, this city.

With the coming of fall, a wracking cough sent this kindly grandmother to her bed . . . the doctor prescribed a remedy incorporating chloroform. Soon, through the resting action of this anaesthetic, her throat grew well . . . once again she is happy, active and enjoying life.

In compounding the prescription it is quite possible that Dow Chloroform, U.S.P. was used. For, it so happens that Dow is a major producer of this valuable pharmaceutical.

This single instance of the participation of Dow in the lives of people could be multiplied a million fold. It is a constant reminder that, over and above the commercial integrity of honest manufacturing, there is a responsibility to the American people that can never be forgotten.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

Branch Sales Offices: 30 Rockefeller Plaza, New York City; Second and Madison Streets, St. Louis; 135 South La Salle Street, Chicago

A PARTIAL LIST OF DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P., X (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Acetyl Salicylic Acid, U.S.P. (Powder or Crystals) • Acetyl Salicylic Acid, Granulation, 10% starch (White, Pink, Green) also 16% and 20% starch (White) • Methyl Salicylate, U.S.P. • Salicylic Acid, U.S.P. • Sodium Salicylate, U.S.P. • Minor Salicylates • Sodium Benzoate, U.S.P. • Strontium Bromide, N.F. • Tetrachlorethylene, Purified, N.F. • Trichloracetic Acid, U.S.P.

DOW

ANNOUNCEMENT

We take pleasure in announcing the purchase of the well-known firm of

MURRAY & NICKELL MANUFACTURING COMPANY

CHICAGO, ILLINOIS

We are glad to state to their many friends that this highly reputable, old-established firm has sold to us its entire business assets, including stocks of merchandise, plant equipment, and good will.

The activities of this going concern will be merged with our present Chicago branch providing a great increase in our facilities.

In acquiring Messrs. Murray and Nickell Manufacturing Company, we feel that additional tradition is added to our rather rich store, for we have in the past acquired such well-known firms in our industry as P. E. Anderson & Co., McIllvaine Brothers of Philadelphia, the Drug Department of McLaughlin, Gormley, King Company, and others.

Having recently sustained a fire loss involving supplies of imported botanicals, this acquisition is most timely for our immediate requirements.

S. B. PENICK & COMPANY

132 NASSAU STREET, NEW YORK

1228 WEST KINZIE STREET, CHICAGO

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Botanical Drugs, Gums

Heavier Trading and Developing Scarcities of Stocks Forces Sharp Rise in Spot and Replacement Prices—Conditions Strongest in a Number of Years

A wave of price advances swept up and over the market for botanical drugs last week and as the price activity subsided at the end of the period many materials occupied substantially advanced price position.

The causes for the advances were two-fold, on the whole. First, there was heavier buying, especially of foreign crude drugs the stocks of which were being replaced here by substantial purchases made on a rising foreign market. Second, the domestic primary market showed much of the strength that had been latent and but potentially active during the entire summer season when collections were disappointing. Real scarcities exist at a time when stocks should be a full flush. Combined, the two influences caused spot value to work sharply higher and it was by no means certain that the articles affected would not rise still further, nor that the advancing movement of values might not be extended to other foreign and domestic materials. The advances were so numerous and severe that the REPORTER'S botanical drug index number rose 33.3 points and reached the highest level in its history.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	2,816	16,050
Caraway	2,936	12,751
Cardamom (cases)	61	1,401
Celery	521	6,984
Coriander	7,619	12,258
Cumin	2,178	7,455
Digitalis leaves (cases)	143	194
Dill	184	647
Fennel	435	2,415
Henbane leaves (bales)	141	294
Mustard	330	20,545
Poppy	1,660	35,031
Sage leaves (bales)	20	1,873
Sesame	228	12,322
Stramonium (bales)	242	327
Thyme (bales)	670	1,314
Totals	20,173	145,541

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloe gum, Curacao, 1c. per lb.
Agaric, white, 25c. per lb.
Alkanet root, 1c. per lb.
Althea root, cut, 4c. per lb.
Angostura bark, 10c. per lb.
Areca nuts, powdered, 1c. per lb.
Bayberry bark, nominal.
Berberis root, 2c. per lb.
Black haw, root bark, 3c. per lb.
tree bark, 3c. per lb.
Bloodroot, 1c. per lb.
Buchu leaves, 1c. per lb.
Buckthorn bark, ½c. per lb.
Butternut bark, ½c. per lb.
Cassia buds, 8c. per lb.
Calendula flowers, 7c. per lb.
Cantharides, Russian, powdered, 5c. per lb.
Cohosh root, black, ½c. per lb.
blue, ½c. per lb.
Coriander seed, ¼c. per lb.
Cottonroot bark, 1c. per lb.
Culver's root, 1c. per lb.
Fleaseed, Indian, 1c. per lb.
Gamboge gum, 5c. per lb.
powdered, 5c. per lb.
Gelsemium root, 1c. per lb.
Gentian root, ground, 1c. per lb.
powdered, 1c. per lb.
Grains of paradise, 5c. per lb.
Helonius root, 5c. per lb.
Henna leaves, ½c. per lb.
Horehound leaves, 2c. per lb.
Hydrangea root, 4c. per lb.
Lady slipper root, 5c. per lb.
Larkspur seed, 2c. per lb.
Lobelia herb, 1c. per lb.
Musk root, 4c. per lb.
Orangeflower, petaals, 5c. per lb.
Pariera brava root, 1c. per lb.
Pellitory root, 2c. per lb.
Pepper, red, chillies, Mombassa, 1c. per lb.
Peppermint leaves, 4c. per lb.
Pinkroot, 3c. per lb.
Poke root, 1c. per lb.
Poppy, flowers, red, 10c. per lb.
Poppyseed, ¼c. per lb.
Queen of the meadow herb, 4c. per lb.
Queen of the meadow root, 3c. per lb.
Rhubarb root, 40c. per lb.
powdered, 45c. per lb.
Rose flowers, pale, 10c. per lb.
Serpentaria root, 5c. per lb.
Scullcap, eastern, 1c. per lb.
Soapbark, powdered, ½c. per lb.
Squaw vine, 3c. per lb.
Stone root, 2½c. per lb.
Valerian root, 1c. per lb.
White pine bark, rossed, ½c. per lb.
Yerba santa leaves, 1½c. per lb.

Reduced

Cumin seed, Morocco, ¾c. per lb.
Deertongue leaves, 2c. per lb.
Elm bark, select, 2c. per lb.
Fleaseed, French, ¾c. per lb.
Irish moss, ordinary, 1c. per lb.
Savory, ½c. per lb.
Spikenard root, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
163.3	**130.0**	**126.9**	**116.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Peru.—Fair but not expansive demand prevailed in the market for this material last week and business done was sufficient to keep prices generally steady in all directions.

Tolu.—Hand-to-mouth trading was the general rule last week and the size of most orders gave evidence that only jobbing requirements were being covered. Prices remained steady in the absence of much competition.

Barks

Angostura.—Decrease in spot reserves of this item has strengthened the value of the same. Quotations were advanced to 45c. to 50c. per pound during the past week and sellers were reserved.

Black Haw.—Country prices were strong and advancing. Those on spot followed closely and late last week the quotations on root bark stood at 33c. to 35c. per pound; tree bark, 16c. to 17c.

Buckthorn.—Under competitive conditions, local sales were made last week at the higher level of 4½c. to 6c. per pound and holders indicated that further advance would be not unlikely as stocks at the source were none too plentiful.

Cottonroot.—Firmer undertones on spot were accompanied by higher prices at 13c. to 14c. per pound, fitting in nicely with developments concerning values of replacement stocks in the country.

Elm.—Select bark eased slightly and values were down to 38c. to 40c. per pound. However, the situation may prove to be temporary as values at the source were being firmly maintained at the higher limits reached recently. The best season of the year lies ahead.

White Pine.—Development of a broader and seasonal demand strengthened market undertones and brought higher quotations at 6c. to 6½c. per pound.

Beans

Tonka.—A moderately active market was reported. While larger consumers seemed to be well supplied, smaller users were in the market for moderate sized quantities and the bookings during the past week served to strengthen values considerably.

Vanilla.—Business was fair. Orders for limited quantities were numerous and a fair sized volume was recorded by the close of the past week. Undertones were generally steady. Stocks were of moderate size on the spot. Conditions abroad were not suggestive of any important recession in values in the immediate future.

Berries

Buckthorn.—Steady undertones prevailed notwithstanding the absence of much in the way of important demand from manufacturing consumers. Stocks were limited in size, but seemed to be sufficient for current requirements.

Saw Palmetto.—The tendency of primary market prices continued to be downward. Local sellers still felt that values were too high at the source and they were disposed to buy only on the basis of a lower price on new crop goods. Spot quotations lacked further decline.

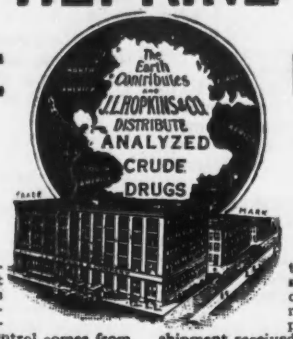
Flowers

Arnica.—Quotations were higher on the basis of 35c. to 36c. per pound.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

TESTED BOTANICALLY
HOPKINS BRAND
TESTED CHEMICALLY

CRUDE DRUGS



TESTED MICROSCOPICALLY
TESTED PHYSIOLOGICALLY

Day in and day out, our laboratories endless tests insure that high quality in the Crude Drugs we supply for which they are respected by manufacturers everywhere. Much of our quality control comes from being (for more than 45 years) FIRST HAND IMPORTERS AND SUPPLIERS in all Foreign and Domestic Crude Drugs. We import from every important shipping point in the world. Our mills and warehouses are within a few minutes' trucking distance of the docks at which our botanical crude drug imports land. Almost immediately upon unloading at our plants and warehouses, each shipment received undergoes a "third degree" of its own, in which Botanical, Chemical, Microscopic and Biologic tests determine conformity with our standards. Milling is done to any degree of fineness specified. Shipments are speeded to you from stocks continually prime, fresh, wholesome

GUMS *KARAYA • ARABIC • TRAGACANTH*)
PYRETHRUM • REDRATSQUIL • DERRIS • CUBE

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Foreign values have strengthened and recent purchases there were made only at higher prices.

Calendula.—Foreign valuations have been advanced since more demand went abroad from this market. Local quotations were advanced sharply to the basis of 45c. to 50c. per pound.

Orange.—Petals were advanced to 35c. to 40c. per pound. This covered upward movement in the shipment prices on the item, which, by the way, has been traded in more actively abroad.

Poppy.—Red flowers were advanced to 50c. to 55c. per pound to bring the spot quotations more into line with what has already been paid for shipment parcels in the primary market. Trading has been fairly active in goods for import.

Rose.—Pale flowers went to the basis of 35c. to 40c. per pound, but no change in the quotations on red material was made. There has been a general broadening of interest in pale goods that stiffened values abroad and at home.

Gums

Aloe.—The advance in prices on Curacao and Socotrine gum was consolidated and strengthened by the continued activity of buyers for consumption. Replacement values on the former were strong, while on the latter they were maintained on the basis dictated by the fact that replacement stocks were conservative in size.

Arabic.—Moderate trading accompanied prices moderately firm on the spot during the past week. Orders were usually of a size indicating that actual needs of numerous manufacturing consumers were conservative in size. Stocks here appeared to be ample for current needs.

Asafetida.—Powder was in very low supply. During the Summer months, stocks had dwindled substantially and when demand broadened on spot recently, the supply proved to be inadequate. Higher prices noted in the previous trading period were firmly maintained.

Gamboge.—Small stocks were the rule and sellers as a whole were very reserved in making offerings, or in accepting orders. The tendency was to limit sales to any one buyer, this for the purpose of making moderate stocks care for the needs of as many consumers as possible.

Guaiac. The market seemed to be strengthening somewhat. A generally firmer undertone was noted and a total lack of price shading prevailed. Sellers were more reserved and the tendency of their prices was upward within moderate limits.

Herbs and Leaves

Buchu. — Quotations were slightly higher at 51c. to 53c. per pound, following a decrease in spot stocks and the development of somewhat more demand for the item.

Deertongue.—Competition was more apparent and under its influence some local sellers shaded the market to 13c. to 15c. per pound when firm orders of a fairly substantial sort reached the spot.

Henna.—The first change in prices for many weeks was an advance of ½c. to make the market 7½c. to 9c. per pound on whole leaves. Powdered was unchanged. The shift in prices followed a change in the stocks available on the spot.

Lobelia.—A slight advance brought quotations to 13c. to 15c. per pound in sympathy with an improvement in values asked in the primary market where moderate reserves were believed not to exceed the probable consumption of the item this year.

Queen of the Meadow.—Sales have been made at 10c. to 12c. per pound and some sellers seeking replacements in the primary market found country prices considerably higher. This was the first change in values on this article in a very long period of time.

Squaw Vine.—Further emphasis was placed on the smallness of replacement stocks when quotations were advanced in the country, forcing local prices up to the basis of 19c. to 20c. per pound.

Miscellaneous

Agaric.—Stocks on this item are always small. At present they are even lower than usual and those with stocks in hand found no difficulty in getting $3.25 to $3.30 per pound during the past week.

Areca Nuts.—A slightly firmer and higher spot market prevailed at 11c. to 12c. per pound on the powdered material. Somewhat more demand was noted and the general situation seemed to be substantially strengthened.

Cantharides.—Powdered Russian material was advanced to $1.65 to $1.70 per pound. Uncertainty concerning the getting of Chinese flies has caused some improvement in demand for the Russian item in powdered form.

Grains of Paradise.—Quotations were advanced to 35c. to 37c. per pound as the available supply rested in a very few hands. Some were totally without stocks.

Irish Moss.—The ordinary quality of this article was a shade lower at 10c. to 11c. per pound under competitive circumstances. Other qualities lacked quotable change, but were moderately easy and generally quiet.

Roots

Aconite.—Sales were made at 35c. to 37c. per pound, stocks being smaller than in the recent past and demand showing a broader and more active development.

Alkanet.—Quotations were higher at 11c. to 12c. per pound under the influence of a wider request. Demand was good.

Althea.—This important item was in much reduced spot supply and values quickly reflected the condition by advancing to the basis of 30c. to 32c. per pound. Larger demand in foreign markets forced values higher abroad.

Blood. — The market continued to strengthen and prices were higher at 14c. to 15c. per pound as the movement to consumers continued to be in excellent volume.

Cohosh.—Country prices were higher and spot quotations follow:—Black cohosh was priced at 8c. to 9c. per pound, while the blue article was 7c. to 7½c.

Culvers. — Firmer and somewhat higher replacement cost was reported. Local sellers reported sales at the higher level of 18c. to 20c. per pound and a generally firm undertone prevailed at the rise.

Gelsemium.—The market was shaded to 13c. to 14c. per pound, conforming with the ability of dealers to replace at more favorable prices in the primary market.

Gentian. — Powdered and granular material were in much reduced supply, and those with prompt delivery stocks were able to get the higher quotations at 15c. to 16c. per pound and 16c. to 17c., respectively.

Helonias.—This more active item was in comparatively low reserve at higher prices in the primary market. Spot quotations were advanced to the basis of 70c. to 75c. per pound, and tended toward still higher position, because demand was almost certain to expand.

Hydrangea.—Sales have been made at 12c. to 13c. per pound, and the reserve on this market was none too sufficient to cope with probable consumption during the weeks ahead. Undertones were very firm, and the tendency was to force prices still higher.

Ladyslipper. — The market continued to be forced higher, as demand found satisfaction only from stocks showing a decrease on spot and advance in the country. Local quotations went to 55c. to 60c. per pound.

Musk.—After months of price inactivity values were raised on spot to 13c. to 14c. per pound last week because of a shrinkage in reserves. It may be pleasant to recall that at one time this item sold for $5 per pound.

Rhubarb.—Prices were strictly nominal at $1.15 per pound for whole and $1.25 for powdered. These were tentative quotations in the open market, but seemed to mean very little, as holders were few and always reserved. Some dealers were caring for regular customers at 80c. for whole and 85c. for powder, but such suppliers were refusing open market business. A break in the upward trend of prices must await the replenishment of stocks by purchases and shipments from China—a highly uncertain situation at this time.

Serpentaria.—Primary market quotations have been advanced, and the spot values followed closely. Local prices were 85c. to 90c. per pound, and offerings were uniformly small in all directions.

Stone. — This ordinarily dull and static item came to the fore last week, when sales were made at an advance to 9c. to 9½c. per pound to cover the present cost to replace stocks from moderate holdings in the primary market.

Valerian.—A stiffening of values was evidence of the absence of normal spot stocks. Quotations were advanced to 10c. to 11c. per pound, and were firm there late last week. Values were stiffer abroad, it was said.

Seeds

Coriander.—Morocco seed was a fraction higher at 8¼c. to 8½c. per pound for the natural item. Bleached material failed to change in price. Demand was routine.

Cumin.—Prices on Morocco seed were down to 9¼c. to 9½c. per pound, under the influence of fairly sharp competition in a market most notable for its dullness. No change came in the quotations on Algerian and Indian materials.

Flea.—French seed was cheaper at 10c. to 11c. per pound, while the item from India was higher at 11c. to 12c. per pound, thus selling above the product of France, an unusual situation in this market. Stocks of Indian material were reduced.

Larkspur.—The market developed a stronger undertone last week, and local sellers increased their limits until quotations are firmly held on the wide range of 30c. to 35c. per pound.

Poppy.—Dutch seed recovered from its recent unsettlement, and the market moved higher to the basis of 9½c. to 9¾c. per pound. Polish material remained nominal. The market in Holland was a deal firmer.

Spices

Cassia. — The market was generally very steady. The position of cassia buds was one of substantial strength, as there was very little of the item available for sale on the spot. Demand was generally routine.

Clove.—Spice was said to be somewhat easier in undertone, and prices tended to bend in favor of buyers with firm orders in hand. Demand was mainly along conservative lines that covered only the more pressing needs of buyers.

Ginger.—Business had a steady quality last week that gave to the local market an undertone of general firmness, or possibly of greater firmness. Competition was negligible and prices held well in line with the cost of present replacements.

Peppers.—The sole change in prices came in red Mombassa chillies, which were advanced to 18c. to 18¼c. per pound to meet larger demand and a higher cost to replace. Trading in spot lots of black peppers was confined mainly to the grinders, and business done aided in holding values generally on the steady side.

Trading in black pepper futures on the New York Produce Exchange from September 25 to October 1, inclusive, comprised 19 contracts, a total of 638,400 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
July	6.30	6.15	5.95@6.12
September	6.25	6.05	5.90@6.15

Pimento.—No further easing of the spot position of this article came last week. It was a market notable for demand that did not exceed jobbing proportions but which also was a market held directly into line with prices prevailing on replacements in the primary market.

Patch Co. Salesmen Hold Annual Meeting

Representatives of the Patch Company, manufacturing pharmacist, Boston, Mass., gathered from all territories, September 13 and 14, at the New Ocean House, Swampscott, Mass., for their annual sales convention. After two nights and a full day of business sessions at Swampscott the activities were transferred to the company laboratory in Stoneham, where an inspection tour revealed to the salesmen many improvements made in the plant during the year for the manufacture of old and new products, and a completely rebuilt analytical laboratory with the most modern equipment for scientific product control. Among the representatives were twenty-two who have been in conutinuous service with the company for from twenty-five to forty-nine years.

Ralph R. Patch, general manager, who presided over the convention, reported that the business of the company had shown a substantial gain over the previous year and indications pointed to a continued increase in the medicinal specialty business.

Pratt & Lambert Salesmen In Three-Day Convention

Sales representatives of the western division of Pratt & Lambert, Inc., held their annual sales convention in Chicago September 27 to 29. C. D. Sproule, vice-president, in charge of the division, welcomed the group, and H. E. Webster, president of the company, addressed the meeting reviewing business conditions generally and as specifically affecting the paint and varnish industry. Citing factors which point favorably to greater consumption of finishing materials, he stressed the improved labor situation, increased factory payrolls, and larger dividends, as adding to the purchasing power of the public.

Other talks of a general or specific tenor were made by R. W. Lindsay, vice-president and general sales manager; W. P. Werheim, vice-president and advertising manager; W. H. Lutz, technical director; W. C. Woodward, manager of the architectural work of the western division; David Edwards, expert finisher; and G. M. Breinig, manager of the paint division.

During the banquet, watches for twenty years of service were presented to H. R. Johnston, laboratory, and C. W. Machemer, industrial sales department; ten-year service cuff links to R. W. Goetz, A. L. Gruntz, W. H. Lutz, and S. W. Menafee.

Similar meetings will be held in this city by company representatives October 4 to 6.

London Drug and Oil Data

Stocks of drugs and oils in London public warehouses, August 31, 1937 and 1936, and the movement of these goods into and out of such premises during August, this year, were as follows:—

	Landed.	Delivery.	Stocks— 1937.	1936.
Shellac, orange, cs.	3,913	2,730	142,842	124,761
garnet, cs.	110	249	1,093	1,117
button, cs.	403	499	1,161	1,197
Totals	4,426	3,478	145,096	127,075
Quinine sulphate, lbs.	2,000	2,000	...	...
Cinchona bark, South American, cs.	...	...	...	...
bales, etc.	...	...	...	...
East India, Ceylon, and Java, cs.	...	...	...	...
bales, etc.	40	49	272	387
Totals	40	49	272	387
Aloe, cwts.	1	88	247	390
Anise, star, cwts.	10	24	69	94
Arrowroot, bbls.	300	585	2,136	2,015
boxes and tins.	...	...	...	...
Balsam, cwts.	68	29	95	98
Cascara sagrada, tons.	...	3	72	42
Tanners' bark, tons.	...	...	...	...
Beeswax, pkgs.	1,559	1,310	3,686	2,531
Japan wax, cs., etc.	70	91	183	232
Camphor, pkgs.	64	50	289	382
Cardamom, cwts.	146	55	347	311
Cochineal, bgs.	13	33	34	50
Coculus indicus, bgs.	...	...	...	...
Colombo root, bgs.	...	40	61	47
Cubebs, bgs.	...	...	11	5
Dragon's blood, cs.	100	103	162	174
Nutgalls, China and Japan, cs.	200	200	886	440
Turkey and Persian, bgs.	7	6	235	162
Gum, ammoniac, pkgs.	...	...	38	27
animi, pkgs.	93	13	632	440
copal, pkgs.	1,350	2,305	13,848	17,793
arabic, all descriptions, pkgs.	1,629	2,443	20,660	11,753
asafetida, cwts.	12	6	503	425
benzoin, cwts.	62	35	791	796
dammar, pkgs.	1,118	1,229	5,618	5,691
gamboge, cwts.	4	3	50	31
guaiac, cwts.	...	3	34	119
elemi, pkgs.	...	...	...	...
kauri, tons, net.	54	69	250	127
mastic, pkgs.	...	27	67	60
myrrh, East India, pkgs.	71	50	35	100
olibanum, pkgs.	6	8	262	250
sandarac, pkgs.	121	85	223	148
tragacanth, pkgs.	700	343	3,744	5,085
Ipecacuanha, Mattogrosso, cwts.	56	93	26	
other sorts, cwts.	6	...	47	226
Jalap, cwts.	...	...	21	...
Myrobalans, tons.	...	...	2	2
Nux vomica, cwts.	203	211	229	20
Oils, castor, cwts.	566	514	175	72
palm, tons.	...	...	...	...
coconut, tons.	60	70	15	32
olive, cks., etc.	403	634	780	1,004
*aniseed, cwts.	55	28	34	33
*cassia, cwts.	19	19	16	5
Rhubarb, Chinese Rhapontica, cwts.	123	107	308	218
Saltpeter, tons.	...	...	8	2
Soda nitrate, tons.	1,876	229	2,431	1,963
Sarsaparilla, cwts.	28	44	211	353
Senna, bls.	311	353	2,805	3,731
Stick-lac, cs.	660	855	2,484	2,524
Gambier, tons.	1	2	4	8
Cutch, tons.	1	4	7	4
Turmeric, Bengal, tons	...	1	15	83
Madras, Cochin, etc., tons	45	25	98	177
Total tons.	45	26	113	260

* Stocks at certain wharves not included.

Manchurian Soybean Crop Up 8 Percent

The estimated harvest of all crops in Manchuria for 1937 is 18,160,000 metric tons compared with 16,795,000 metric tons last year, according to information received by the Department of Commerce from the American Consul at Harbin.

The 1937 soybean crop for all Manchuria was estimated at 4,492,000 metric tons, an estimated increase of 8 percent over the 1936 crop.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Essential Oils, Aromatic Chemicals

Nominal Prices on Anise Advanced Again—Dill Weed Oil Shaded —Clove Oil Prices Reduced—Anethol Rise Reflects Higher Production Cost—Peppermint Steadier

Sellers of essential oils and aromatic chemicals reported some gains in sales during the past week. A somewhat broader market was the rule, thus creating additional firmness to undertones and making for the maintenance of most prices on the basis of a firm position.

Chinese oils continued to be a feature in the trade. Quotations on anise were higher. Those on cassia were stronger but unchanged. Both items were in nominal position and sales of both were confined to regular customers of the several suppliers. Also, quantities sold on individual orders were kept down to no more than the normal purchases of buyers. In numerous instances, the allotments were less than the regular needs of consumers. Because of the situation in anise oil, quotations on anethol were raised.

Clove oil weakened and then declined in order that sellers might more aptly meet the slightly more competitive market that had been developing. Other spice oils were in steady position and fair request.

Peppermint was somewhat steadier since the recent decline stocks were entirely ample as the production was sufficient to meet more or less readily the consumption needs of the country. Spearmint was likewise slightly steadier. Neither was greatly in demand last week. All domestic oils were firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, 10c. per lb.
Anethol, 10c. per lb.

Reduced

Clove, 5c. per lb.
Dill, weed oil, 80c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
80.6	80.7	83.8	75.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amber.—Moderate trading prevailed in the local market and for the most part conditions continued with little change from those recently reported. Prices were fully steady.

Anise.—Nominal quotations were advanced to $1.45 per pound on USP material. Sellers still restricted sales to regular buyers and exercised restraint on the quantities sold. The future of supplies from China remained uncertain.

Bergamot.—The market was strong and while open quotations lacked change, it became increasingly difficult to secure goods at minimum quotations, this because of the replacement position of the material. Demand was routine. A report of a Japanese news service stated that a bergamot plant is to be erected in Formosa. The Japanese product will be made from citrus bergamia, hence will not meet the N. F. requirement that bergamot oil be made from the citrus aurantium.

Birch Tar.—Jobbing business was moderate in size and constituted practically all the trade reported last week. Prices remained steady to firm in all quarters.

Camphor.—Camphor products are all firm, and this oil was well held at the source and well maintained so far as spot prices were concerned. Demand was steady locally and in line with normality.

Capsicum (Oleoresin).—Firm cost of raw material operated toward the maintenance of a similar position of prices on this oleoresin. Some gain in request was noted, and the market as a whole was in steady position.

Cassia.—The market remained nominal. There was no knowing when shipments from China would be resumed in major fashion, and hence any spot quotation was nominal, sellers restricting sales to regular buyers and being conservative as to the quantities they would sell.

Celery.—New distillation was projected in this market when one distiller entered the market for a fair quantity of raw material. The prices paid assured buyers that oil quotations would hold firm.

Cinnamon.—Routine but very steady consumption of this item was noted in a market lacking in unsettlement and showing signs of continued stability of values.

Citronella.—Consumption was moderate, and some said that it had decreased to a limited extent. However, values were unaffected and the market retained a firm undertone in prospect of an early resumption of more liberal trading.

Clove.—Prices were reduced by the makers to $1.10 per pound in drums and $1.12 per pound in cans. Competition was keener, in view of some savings effected in the cost of production.

Coriander.—Only the smallest kind of stocks were available and, to an important degree, the market was close to being actually nominal. High prices have turned most users to substitutes.

Dill.—Weed oil was lower at $4.10 per pound minimum, this reflecting offerings of new crop oil obtained at somewhat lower prices from the producers. Seed oil remained unchanged. Demand was good and entirely seasonal.

Erigeron.—The production was predicted to be small this year, and, should demand show more than moderate increase, a rising market might easily develop. Quotations were very steady.

Eucalyptus.—Excellent demand was reported and the market had a firm undertone, since the prospect for heavy consumption during the winter months was excellent. Replacement costs were very firm. So were spot prices.

Fennel.—Values have not been advanced further, but they were distinctly firm last week and showed some upward tendency on the whole. Supplies were none too plentiful and were in firm hands.

Geranium.—Consumption of this material by soapmakers is not running to normal size, and, on the whole, the absence of normal business tends to keep prices in favor of buyers. Replacement costs have been mainly favorable for some time past.

Ginger.—More inquiry was noted. Requirements of some buyers have increased and contributed additional strength to an already exceptionally firm market. Production costs held comparatively high.

Lavender.—Primary market shippers were reluctant to make many firm offers of new crop oil, mainly because of the weakness of the French franc. Earlier reports of a fair-sized crop have been confirmed for the most part. Spot quotations held steady, with demand being reported fair.

Lemon.—Prices failed to decline further and on the whole seemed to be somewhat steadier than they had been. However, the movement of spot stocks into consumption was along conservative lines and that tended to keep conditions somewhat unsettled.

Lime.—Further decline in prices failed to develop. In its place came a steadier situation. Not that demand was improved; it was still quiet, but that present spot quotations were in line with replacement costs and that tended to steady the recently unsettled market.

Orange.—Business has dropped somewhat without affecting the local price structure. However, the market seemed moderately more competitive and conditions for time being were more favorable for buyers with firm orders in hand.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Peppermint.—Quotations were a trifle steadier, although demand in local circles was still conservative in size. Spot prices were fairly in line with the more favorable values recently in effect at the source. Stocks were ample for all probable needs as the crop was a full one.

Spearmint.—Values stiffened following the recent decline and the market as a whole was in well maintained position throughout the past week. The largest buyers have covered their needs in fair degree and it was believed that stocks would be sufficient for all other needs.

Vetiver.—Spot quotations ranged $6 to $16.50 per pound, covering questions of quality and variety of the material. Trade was somewhat narrow on the whole.

Aromatic Chemicals

Anethol.—Quotations were higher at $1.30 to $1.35 per pound, reflecting the substantial rise in cost of production and the great uncertainty of getting further supplies of raw material from China.

Anisic Aldehyde.—The tendency was upward because it was not certain that new production on a large scale would be possible in the near future. Raw material shipments have been interfered with and no signs of relief from an absence of normal supplies were noted.

Benzyl Formate.—Trading was usually in small quantities and covered requirements that were not in excess of jobbing size in many instances. Prices were steady.

Borneol.—Stocks were very small; so far as known, they have not been increased for a substantial period of time. Quotations were very firm, notwithstanding the absence of much interest.

Cinnamic Alcohol.—A slightly more active interest developed and fully confirmed the well stabilized price position that this article had held for a long period of time. Stocks were sufficient.

Geraniol.—Movement into consumption was declared to be about normal. Buyers covered their needs fairly well ahead and in so doing built a very fair volume of trade. Quotations were maintained by a generally firm market undertone.

Heliotropine.—Undertones were firm and reflected the well maintained cost to produce this material, as well as the steady consumption noted among the principal manufacturing consumers.

Linalool.—Some gain in inquiries were noted in a few quarters, but for the most part the market trade had all of the routine characteristics prevailing over the past several weeks. Prices were steady and subject to very little competition.

Menthyl Salicylate.—Sales volume has decreased considerably with the passing of the season when suntan creams and the like find their largest use. It was a good season in which business was done at well stabilized prices.

Methyl Cinnamate.—Jobbing business was fairly good. The call was steady and reasonably active as well as sufficient to cover the nearby needs of most buyers. Prices were well maintained.

Firmenich Appoints Nelson

Firmenich & Co., this city, sole distributor in the United States for the Chuit Naef (Geneva, Switzerland) line of aromatic chemicals and perfume specialties, has appointed Albert O. Nelson as its Chicago representative, effective October 1. Mr. Nelson, who has had fifteen years' experience in the New York essential oil and perfume raw material field, will open a Chicago branch for the concern, and will handle the Chuit, Naef products for Firmenich & Co. exclusively. Arrangements will be made to carry stocks to facilitate delivery to the local Chicago trade. Together with Rupert C. Watson, vice-president of the New York house, Mr. Nelson is at present engaged in making introductory calls on the perfume and cosmetic trade in his territory.

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KALAMAZOO, MICH., U. S. A.

National Paint Salesmen Hold First Convention

(Continued from page 4)

Building New Clubs

Charles B. Keys could not be present owing to pressure of business, but sent in a comprehensive report suggesting ways and means of building new clubs and membership. Willard E. Maston, former president of the National Oil and Varnish Association, and an active member of the Philadelphia club, attended all sessions.

The Hellawell testimonial dinner was held on Friday night. Mr. Hellawell has been with the John A. Lucas Company for 47 years as sales representative. Mr. Robertson was toastmaster, and the speakers were:—Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, and formerly head of the Lucas Company; W. A. Gorrell, present executive of the Lucas Company; John J. Gallagher, and James D. McDonald.

Mr. Robertson, president of the association, started working for $3 a week for the Hanlon & Goodman Company, of which he is now vice president. He is known to thousands of men in the manufacturing, selling and contracting branches of the paint and varnish industry through his constant attendance at conventions. Some of the men who bought goods from him during his first year on the road are still his customers.

Pulp, Paper Technicians To Convene Oct. 18-20

(Continued from page 5)

ing place in the structure of fibers as a result of the operations of pulping and stock preparation; by Institute of Paper Chemistry, Appleton, Wis.

2. Chemical composition of wood; by G. J. Ritter and W. O. Van Beckum, Forest Products Laboratory, Madison, Wis.

3. The visible structure of natural fibers; by Thomas Kerr, Bureau of Plant Industry, Department of Agriculture, North Carolina State College.

4. Fastness of paper to light; by H. Ainsworth Harrison, Cooke & Nuttall, Ltd., Horwich, Lancs., England.

5. Nature of the resin acids; by Torsten Hasselstrom, G. & A. Laboratories, Savannah, Ga.

6. Southern clays for paper making; by Poole Maynard, Atlanta, Ga.

For a post convention trip the paper makers chemical division of the Hercules Powder Company has invited all the delegates and their wives to visit Brunswick, Ga., October 21 and inspect the company's naval stores plant. The inspection trip will be followed by a special luncheon at the Cloister hotel, Sea Island, Ga., where there will be golf, bathing, and other amusements in the afternoon.

Plastic, Cold Water Paint, Calcimine Sales in Aug.

Sales of plastic and cold-water paints and calcimines reported by fifty-three manufacturers to the Bureau of the Census for August were as follows:—

Plastic Paints

	Pounds.	Value.
Paste, casein-bound	137,237	$18,252
All other	62,135	10,106
Dry, casein-bound	250,437	19,271
glue-bound	174,132	8,908
Totals	623,941	$56,537

Cold-Water Paints

	Pounds.	Value.
Exterior, lime or cement-bound	762,817	$57,810
casein-bound	360,567	19,882
Interior, casein-bound, paste form	1,661,445	140,949
dry powder form	459,778	39,194
glue-bound	420,287	10,858
Totals	3,664,894	$268,693

Calcimines

	Pounds.	Value.
Hot water	2,099,870	$83,887
Cold water	2,971,888	142,123
Totals	5,071,758	$226,010

Sales of these products for the first seven months of the year insofar as they can be compared with those in the corresponding period in 1936 were as follows:—

		1937.	1936.
Plastic paints	lbs.	5,067,636	4,400,877
	value.	$420,716	$355,145
Cold-water paints	lbs.	30,121,720	*15,995,723
	value.	$2,226,618	*$1,054,837
Calcimines	lbs.	58,656,135	54,875,622
	value.	$2,500,345	$2,350,140

* Does not include data for casein paint in paste form for interior use, which was not called for on schedule in 1936.

Continental Can Company has filed with the Securities and Exchange Commission a registration statement covering 200,000 shares of $4.50 cumulative preferred stock, the creation of which is to be acted on by the stockholders at a special meeting September 28.

Horner Co .Taken Over By Orbis Products Corp.

Ownership of James B. Horner & Co., essential oils, this city, a firm having a continuous business life since its founding in 1865 by the late Major James B. Horner, has passed to the Orbis Products Corporation, of which company Charles Fitzsimmons is president and founder. Only two owners directed the destinies of the Horner company since 1878, Major Horner and his successor, Joseph Mathias, who has now retired after an active business life of fifty-nine years, spent entirely with the Horner organization.

In announcing the purchase of the capital stock, warehoused merchandise, and good will from Mr. Mathias, Mr. Fitzsimmons said that the house of Horner would be continued as a business entity under its fifty-nine-year-old name with the following officers:—President, A. P. Hafner; treasurer, A. J. Petrie, and secretary, D. H. Fulling. Mr. Petrie will have active direction of the plans through which the enviable prestige and reputation enjoyed by the Horner company will be maintained, while its influence in the essential oil trade is broadened.

To state that the company's reputation is one of the highest in the industry is but another way of saying that the ideals and business practices of Major Horner and Mr. Mathias have been perpetuated in the organization. The major built his business in the era when individuals were giants in the business world, and beginning in 1878, when he assumed sole responsibility, he created a highly personalized company that he dominated completely until the time of his death in December, 1914.

James Brown Horner, a vivid, colorful, and vibrant figure in a romantic period, went South as a private in Hawkin's Zouaves, New York Volunteers, when the civil war set South against North in 1861. He was twenty-two years old. In 1865, he was mustered out a major in the Union forces with four years of fighting behind him and an uncertain future ahead. The drug and essential oil trades offered a fertile field for youth in those days, and the young major found employment with James Oliver, a broker. In 1865 he succeeded to the business of Mr. Oliver at 43 Cedar street, this city. Two other interests in these trades joined Mr. Horner in 1867 in a firm styled Paine, Horner and Mulford and in 1870 the Paine and Mulford interests withdrew and a new partner resulted in the firm name being changed to Horner & Quatting. This relationship continued until 1878, in which year the company became known as James B. Horner & Co. This business was moved to 3 Platt street in 1893.

Joseph Mathias began to work for Major Horner in 1878 and on the major's death in December, 1914, Mr. Mathias succeeded to active control of the business. Minority interests were held by the Horner estate, and by Albert Bertine, an employee of the Horner organization. Mr. Mathias purchased the estate interest in 1915 and, when Mr. Bertine retired in 1922, he also purchased his interest. The firm had been incorporated in 1915. Dating from 1922, Mr. Mathias was the sole owner.

Arthur J. Petrie, who will have active direction of the Horner company from now on, came recently to the Orbis Products Corporation from the Kolynos Company, and the Bisodol Company, New Haven, Conn., subsidiaries of the American Home Products Corporation. He served these companies during the last seven years, during three of which he was assistant secretary of the Kolynos Company. His major work with these organizations included complete charge of purchasing and production connected with the manufacture of dentifrices, cosmetics, and pharmaceuticals. Prior to this employment he spent eleven years with the Winchester Repeating Arms Company, of New Haven.

Mr. Petrie is a graduate of Yale University, class of 1917. He joined the Army in 1917 and was graduated from the Air Service Flying Schools at Kelly Field, Texas, and Post Field, Fort Sill, Okla. He saw two years' service and was squadron commander of the 80th Aero Squadron.

Albert A. Woll, recently graduated from the Massachusetts Institute of Technology, has joined the technical staff of Wishnick-Tumpeer, Inc.

Petroleum Solvents, Lubricants, Fuels

Akron Tire Producers Light Users of Rubber Solvents—Paint Trade's Naphtha Purchases Also Small—Gasoline Steady —Crude Flow Off

Petroleum solvents, naphthas and diluents moved into consumption in mild fashion under the restraint of general industrial operations. The market's lack of seasonal activity was best illustrated in the rubber solvents where the delivery orders for tankcars to be shipped to the Akron tire shops were far between. Cleaners' naphthas continued in the vanguard of the movement out of the Midcontinent, while the petroleum thinners, aromatics and v.m. & p. naphthas were the best movers in the slow Eastern market. The stability of prices, however, was noteworthy in the face of light demands from the consuming industries.

Other industrial raw materials from petroleum passed a quiet and uneventful week. Paraffin crude scale wax was a little stronger in the East. Petrolatum was quiet and the U.S.P. mineral oils have yet to show much of an improvement over the slow trade of the Summer months.

Gasoline at the Midcontinent and East Coast refineries was in a fairly steady position. The consumption was enough to force another decrease in the stocks, but it was not sufficient to stiffen the price structure.

Crude oil output for the week ended September 25 was 3,666,300 barrels, a decrease of 4,900 barrels from the preceding week's output, according to the estimate of the American Petroleum Institute. The average for four weeks ended September 25 was 3,668,100 barrels and the average at this time a year ago was 3,030,050 barrels. Runs to stills were reported by companies controlling 89 percent of the nation's refinery capacity as having averaged 3,156,000 barrels daily for the week ended September 25, and, according to the A.P.I., 229,000 barrels additional were estimated to have been sent to stills unreported for a total average of 3,455,000 barrels against 3,400,000 barrels for the preceding week.

Solvents and Diluents

Solvents and naphthas at the refinery points and also in the tankwagon distributing points in leading Eastern and middle Western cities were quite serene last week. Cleaners' naphthas continued in the vanguard of the movement out of Midcontinent refineries while petroleum thinners and v. m. & p. naphthas were making the best showing locally. The movement of rubber solvents into the Akron tire shops has not been very lively of late. Prices for solvents at refineries were without change last week.

Cleaners' Naphthas. — The demands reaching the Midcontinent suppliers were rather good and the movement into consumption from that section of the country was reported better than that for related solvents. Prices at the Midcontinent and in the local refinery area continued steady and unchanged.

Lacquer Diluents. — Lacquer manufacturers were not overly active buyers last week. The demands in the local market were spotty and the aggregate for the week was not extensive. Consumption during September was not as much as might have been expected. Prices were unchanged last week.

Petroleum Thinners. — The Eastern refiners have been able to report a satisfactory movement into consumption, but the demands in the Midcontinent sector were not so lively as those for other solvents. Prices for tankcars and tankwagons were without a change last week.

Rubber Solvents.—The rubber tire companies' needs have not been very large during recent weeks and while the operating schedules in the Akron district show promise of increase during the current month, actual ordering has not been improved.

Stoddard Solvent.—The market lacked new feature and the movement out of the refinery points was very spotty at best. Prices continued without change in both the tankcar and tankwagon markets.

V. M. & P. Naphthas.—Sellers in the East have been doing a mild sort of business and aggregate sales for the month just ended were not so broad as might have been expected for this time of the year. Prices in the tankwagon market and also in the bulk market at the refineries were without change and appeared steady.

Markets at Other Centers

Chicago, Sept. 30.—Business in various grades of petroleum solvents and diluents remained fairly good. Little price shading is going on, so far as can be learned at this time. Most buying of various purchasing industries is for early shipment, with prices on most products quite steady. Ruling prices in tankcar lots except as noted were (tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 5c. to 5⅛c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 17.1c. tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 15.8c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.8c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 18.1c., tankwagon.

Tulsa, Sept. 30.—No change has developed in the quotations for solvents. Cleaners naphthas remained active and inquiries for Stoddard were reported at a fairly good rate. Cleaners naphtha was priced at 7⅜c. to 7⅝c. per gallon.

Lighter Fractions

Light solvent fractions continued with characteristic market serenity. There have been no changes in price during recent months and the market seemed to occupy a position of security. The movement of supplies out of the producing plants was destined for regular channels of consumption.

Butanes.—The market was lacking in new features last week. Prices named were those that have been in force for the past several months with 2¼c. to 3¾c. per gallon named at Group 3 refineries for tankcar quantities, according to the number of cars used per month.

Hexanes. — Conditions surrounding the market for this commodity were quite the same as those noted for sometime past. The producers have not reported any change in quotations.

Octanes.—This mixture shared in the steadiness of the general market for light hydrocarbon gases. Quotations were based at 10½c. per gallon for tankcar quantities, f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—The sales of oil during September were a little improved over the Summer sales but were far from the volume that had been expected. Last week's calls for deliveries against contracts were light. The prices for U.S.P. and technical oils were unchanged and in a steady position.

Paraffin Waxes.—The scale wax market recovered some of its recent loss when holders of stocks moved quotations up 5 points to the basis of 2.95c. per pound for both the 122-124 and 124-126 A.m.p. grades. Although there was not much interest in the market, sellers were firm in their refusal of bids under that price. Export inquiry was light. Fully refined waxes continued in an unchanged position and business was light except in the withdrawal against contracts.

CHICAGO, Sept. 30.—Demand for refined wax continued quite steady. The volume of this buying is reaching levels that appear to be at least as large as at any time in the recent past. Both domestic and export business are reported as being active. Ruling prices were:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Sept. 29.—The wax market continued very strong with 124-26 American crude at 3c. minimum and ranging to 3⅛c. per pound at all plants in the Midcontinent. Refiners appear to have the market well under control.

Petrolatum.—Car lot business was light and refiners also reported a dragging condition in the l.c.l. business. The market held to the steadiness that has been characteristic throughout the year to date. Export interest was fair.

Fuels and Lubricants

The bulk market in the Eastern refinery sector held a fairly steady position last week. The outstanding event of the week was a break in Pennsylvania lubricating oil prices, which involved the bright stocks and cylinder oils. Export interest in cylinder stocks was negligible and many of the offerings coming out of the Pennsylvania refineries last week were sacrifice liquidations. The gasoline market was steady and the position of kerosene was unchanged from a week ago.

Market Conditions

Gasoline.—The bulk market was in a fairly steady position here. The recent softness seemed to have disappeared from the market. Jobber interest and purchasing were fair, showing neither increase nor decrease from that of a week ago. The prices were unchanged at the refinery points. The export market at the U. S. Gulf was also unchanged last week with quotations as follows:—U. S. motor, 6c. per gallon; 60-62, 400 e.p., 6⅛c. per gallon; 60-62, 390 e.p., 6⅛c. per gallon, and 64-66, 375 e.p., 6¼c. per gallon.

Kerosene.—Tankcar prices were without change and occupied a steady position last week. The improvement in the consumption that is usual around this time of the year has not been evident as yet this year but the refineries look for a gradual broadening of business as the colder weather approaches. Export business at the Gulf has been fairly good of late. Prices at the Gulf remained at 5⅛c. per gallon for prime white, and 5¼c. per gallon for water white.

Fuel and Gas Oils.—Seasonal conditions controlled the heavy oil market. Furnace oil and fuel oils were moving faster. Bunker oil continued in routine demand at the price of $1.35 per barrel, f.o.b. terminals. Diesel oil was also unchanged.

Lubricating Oils.—The Pennsylvania market appeared demoralized following some sharp reductions in price. Regular pour bright stocks were named at 22c. per gallon, including tax. Cylinder oils were named as follows:—600 steam refined, 15½c. per gallon; 600 flash, 19c. per gallon; 630 flash, 23c. per gallon; 635 fire, 17c. per gallon; 650 fire, 18c. per gallon, and Warren E, 19c. per gallon. Neutral oils were unchanged. All of the aforementioned prices were inclusive of 4c. tax.

Markets at Other Centers

Tulsa, Sept. 29.—Once again natural gasoline was outstanding in the trading throughout the Midcontinent. For the fourth time this month it was raised another ½c. per gallon, which placed the 26-70 grade at 4⅝c. in Texas and 4½c. in Oklahoma. The advance was the result of continuation of the brisk buying campaign by refiners, originating mostly in the Gulf Coast areas. This week's advance originated in Texas and spread to Oklahoma. The other grades of 22, 18, and 14 pounds were advanced proportionately 10, 20, and 36 percent respectively. While the volume of trading remained at a fairly high level, it was noticeable that the scampering for supplies which had been in evidence in the first part of the month no longer prevails.

The volume of trading in other products has been at a lower level this week in the spot resale market. Contract movement, however, of gasoline continued at a fairly good level, but it was apparent that demand for gasoline was tapering down. Prices, however, were unchanged

Outputs and Quotas

A comparison of Bureau of Mines calculations for September production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended September 25 follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	633,600	600,000	600,450
Kansas	200,900	196,250	193,000
Texas 1	,413,600	1,441,734	1,496,550
Louisiana ...	247,900	265,495	264,000
Arkansas ...	29,900	.....	38,700
Eastern	124,300	.....	137,100
Michigan ...	40,400	.....	53,800
Wyoming ...	55,990	.....	57,500
Montana ...	18,200	.....	18,400
Colorado ...	5,000	.....	4,550
New Mexico.	101,400	114,000	114,450
California ..	638,200	*638,200	687,800
Totals 3	,462,900	.....	3,666,300

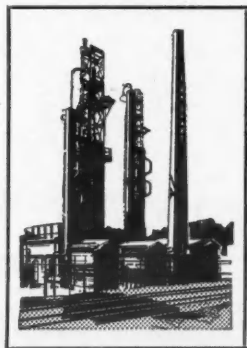
* Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline was unchanged at the Midcontinent refineries.

	Oct. 1	Sept. 24	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.362	$1.362	$1.276
Gasoline prices at refineries (at four refining centers) per gallon	.056875	.056875	.054375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7



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Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937 Jan. 1-Oct. 2	1936 Jan. 1-Oct. 2
Commercial crude oil production	951,792,000	803,131,000
	Week ended Oct. 2, 1937	Week ended Oct. 3, 1936
Daily average production	3,653,600	3,016,400
	Week ended Sept. 25, 1937	Week ended Sept. 18, 1937
Estimated motor fuel stock total	65,620,000	66,057,000
Estimated finished motor fuel stock at refineries	34,929,000	34,877,000*

* Revised.

in the resale market where the falling off of volume was more noticeable.

A number of refiners continued to quote gasoline on the old three grade basis, although the adoption of the four brackets appears to be more popular as time goes on. In the resale market, however, there is no indication of an advance in price due to the regrading of the material which advanced the octane rating 1½ to 2 points.

There is more firmness in evidence in distillate quotations this week as resellers are having difficulty in finding supplies below 4c. per gallon. Most of the refiners are unwilling to sell the No. 1 prime white at a lower quotation to marketers than prevails in the trade. The 4c. price therefore is being fairly well established as the minimum quotation throughout the Midcontinent. Kerosene has not changed greatly, although with the strength in distillates there is a disposition to maintain quotations and hold the material in tankage.

Although it is considered by most of the major buyers in Midcontinent that crude oil is excessively in supply, this condition is apparently not having an adverse influence on the refined oil markets. There were no changes in quotations during the week with the exception of the rise in natural gasoline and the additional firmness in distillates.

Following are quotations for the various products traded in the Midcontinent field on the basis of group 3 prices:—

GASOLINE.—Quotations for 62 octane and below U. S. Motor grade continue at 4⅝c. to 5c. a gallon while the grades ranging from 63 are 5⅛c. to 5⅝c. per gallon for 69-70 octane. The 70-72 octane grades are 5⅞c. to 6⅛c. per gallon.

KEROSENE.—4c. to 4¼c. for the 41-43 grade and 4⅛c. to 4⅜c. for the 42-44 grade.

NATURAL GASOLINES.—The 26-70 grade is 4½c. per gallon in Oklahoma and 4⅝c. per gallon in Texas. The other grades are proportionately stronger," the 22 pound grade being 10 percent above, and 18 pound grade 20 percent above.

DISTILLATES.—The No. 1 prime is 4c. per gallon while the straw product is quoted at 3⅞c. to 4c. and No. 2 straw is 3¾c. to 3⅞c. per gallon. Gas oils dark and fairly good cold test are 3½c. to 3⅝c. per gallon.

FUEL OILS.—The 24-28 grade low cold test is $1.07½ to $1.12½ per barrel while higher cold test is 90c. to 95c. Spot prices for residual are generally 80c. to 85c. per barrel, but concessions are obtainable from some plants.

LUBRICANTS.—There is a good movement of all grades here and prices are firm despite the ½c. to 1c. per gallon reduction in bright stocks made at the opening of the week. Practically all refiners have adopted the new quotation range from 15c. for the 100 vis 15-25 pour point to 20c. per gallon for the 190 vis 15-20 pour point 4½ color. Light blended oils were reduced from 1/10c. to 8/10c., making the S.A.E. No. 10, 11 6/10c. and No. 70, 17 2/10c. per gallon.

CHICAGO, Sept. 30.—The general tank-car petroleum market has been quiet, with few price changes. Refinery gasoline has been ruling unchanged in price. Consumption has dropped off a bit as a seasonal development. Orders from jobbers have been reaching sellers fairly well. Third-grade material is a bit spotty. The kerosene market is firming up a bit, with fewer offerings, and with consumption gaining. Tractor fuel orders are better. The light domestic fuels are extremely strong, and hard to obtain. Heavier fuels have relapsed into a rather dull position. Lubricating oils are inclined to easiness.

GASOLINE.—Low octane motor, 5c. to 5⅛c. per gallon; 63-66 octane, 5⅜c. to 5½c.; 67-69 octane, 5⅝c. to 5⅞c.; 70-72 octane, regular, 6c. to 6⅛c.; 60-62, 400, 5c. to 5⅛c.; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 4¼c. to 4½c. per gallon; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—No. 1 prime white, 4c. to 4⅛c. per gallon; No. 1 straw, 3¾c. to 4c.; No. 2 straw, 3⅝c. to 3⅞c.; No. 2 dark, 3½c. to 3⅝c.; No. 3, 3¼c. to 3½c.; 32-36, dark, industrial gas oil, 3c. to 3⅛c.

FUEL OILS.—No. 4, $1.07½ to $1.12½ per barrel; No. 5, 85c. to 90c.; No. 6, 75c. to 80c.

NEW ORLEANS, Sept. 28.—Steadiness continued to prevail in the domestic market, with no change in quotations which have been in effect for the past few weeks. Foreign inquiries and exports were good. U. S. motor gasoline was quoted at 6½c.; U. S. motor below 62 octane at 6½c.; 63-67 octane at 6⅞c., and 68-70 octane at 7¼c., the foregoing quotations being on a per gallon basis at refinery.

Kerosene was firm at 7⅜c. per gallon at refinery.

Bunker C fuel oil continued to be quoted at $1.05 per barrel at terminal and $1.10 per barrel delivered alongside. Industrial plants in this vicinity were quoted at $1.36 per barrel, delivered.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

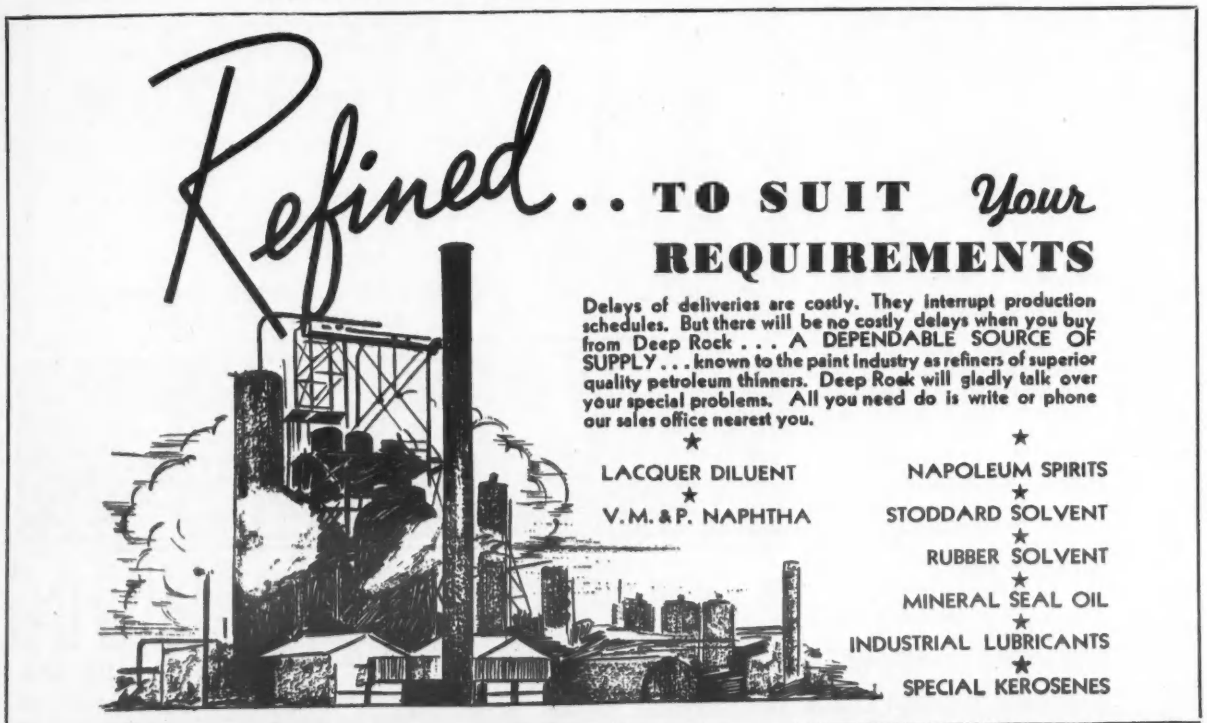
Color Magic to Feature Paint Styling Meeting

Bringing into view the hidden secrets of color in a manner as startling as the Hayden Planetarium reveals the unseen wonders of the sky, Herbert Thompson Strong, color expert, will appear before the sessions of the Trade Sales Committee of the National Paint, Varnish and Lacquer Association convention, scheduled for the afternoon of October 28 at the Netherland-Plaza Hotel in Cincinnati. The industry's Council for Paint Styling, recently established, is sponsoring the program which will present the whole subject of American color trends from the point of view of their effect on the paint industry.

The Council for Paint Styling has arranged with Mr. Strong to present his really startling utilization of the invisible ultra violet ray and polarized light, by which he explores the magic world of color. Minute chemical crystals, a huge crystal of optical quartz and dull gray rocks are among the objects used by Mr. Strong against which to project his ultraviolet and polarized light with results said by those who have watched the presentation to be of almost supernatural beauty and grandeur.

Mr. Strong's vivid development of the theme of living color and light will bring into focus the basic purpose of the Council for Paint Styling, which is to provide material that will assist individual manufacturers in a proper approach to color problems and a resulting increase in the sale of paint and materials. Considerable emphasis will be placed by other speakers on the use which other industries are making of color, while results of surveys within the paint industry will show the wide range of possibilities for greater utilization of color in paint styling, both on exterior and interior surfaces.

Horace S. Felton, chairman of the Council for Paint Styling, will preside at the color session, after the trade sales meeting is opened by Charles W. Eastwood, national trade sales chairman. M. Rea Paul is chairman of the sub-committee on fact-finding, and S. C. Dunning of the sub-committee on publicity and presentation.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Bids Wanted

Acetone:—500 gallons; Commanding Officer, Picatinny Arsenal, N. J.; circular 223, opening October 11.

Ammonia:—1,500 bottles; Commanding Officer, Benicia Arsenal, Cal.; procurement 16, opening October 11.

Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-48, opening October 7.

Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-28, opening October 8.

Ammonia Carbonate, Powdered:—300 8-ounce bottles; Commanding Officer, Rock Island Arsenal, Ill.; circular 198, opening October 11.

Ammonia Hydroxide:—3,000 16-ounce bottles; Commanding Officer, Rock Island Arsenal, Ill.; circular 198, opening October 11.

Ammonia Persulphate:—750 8-ounce bottles; Commanding Officer, Rock Island Arsenal, Ill.; circular 198, opening October 11.

Beverage Powder:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; Mo.; procurement 801-28, opening October 8.

Blueing:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-48, opening October 7.

Brushes:—4,700 of six types; Commanding Officer, Rock Island Arsenal, Ill.; circular 199, opening October 11.

Brushes, Tooth:—Supplies; Quartermaster, Fort Knox, Ky.; procurement 471-10, opening October 12.

Supplies; Quartermaster, Fort Hayes, Ohio; procurement 419-10, opening October 7.

Supplies; Contracting Officer, Quartermaster Corps, Fort Bragg, N. C.; procurement 159-25, opening October 25.

Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-28, opening October 8.

Castor Oil:—Supplies for delivery at various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1705, opening October 8.

Caustic Soda Flake:—18,400 pounds; Quartermaster Depot, C.C.C., Schenectady, N. Y.; procurement 5211-7, opening October 7.

Chlorine, Liquid:—6,000 pounds; Purchasing and Contracting Officer, Quartermaster Corps, Langley Field, Va.; procurement 481-16, opening October 8.

Chloroform:—600 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 92, opening October 6.

Cleansing Powder:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-28, opening October 8.

Coaltar Pitch:—25,000 pounds; Chief Clerk, U. S. Detention Farm, Milan, Mich.; procurement 884, opening October 11.

Flavorings:—Supplies; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-29, opening October 8.

Fuel Oil:—275,000 gallons bunker C; U. S. Engineer Office, New York District, New York; circular 48, opening October 7.

45,000 barrels; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1702, opening October 5.

6,555 gallons; Chemical Warfare Service, Edgewood Arsenal, Md.; circular 100, opening October 8.

Glass, Window and Plate:—Supplies for delivery at various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1697, opening October 8.

Graphite, Lubricating:—Supplies for delivery at various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1716, opening October 12.

Grease:—8,200 pounds; Commanding Officer, Rock Island Arsenal, Ill.; circular 202, opening October 11.

Laundry Starch:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-48, opening October 7.

Supplies; Contracting Officer, Quartermaster Corps, Fort Bragg, N. C.; procurement 159-25, opening October 25.

Linseed Oil, Raw:—1,026 gallons; Commanding Officer, Rock Island Arsenal, Ill.; circular 195, opening October 8.

Medicinal Specialties:—Supplies as required during the period ending June 30; Procurement Division, Veterans Administration, Washington; procurement 220, 226, 228, 234, 238, 247 and 248, opening October 8, and procurements 231, 236, 241 and 260, opening October 11.

Mica, Plates and Sheets:—Supplies for delivery at various east coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1733, opening October 5.

Neatsfoot Oil:—450 gallons; for Brooklyn, Sewall's Point and Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1775, opening October 12.

200 gallons; Commanding Officer, Rock Island Arsenal, Ill.; circular 190, opening October 8.

Paint:—770 gallons; ready-mixed; Commanding Officer, Springfield Arsenal, Mass.; circular 37, opening October 7.

Salt:—Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-65, opening October 8.

Salt:—Supplies for various deliveries; Quartermaster Depot, 1819 West Pershing road, Chicago; procurement 199-41, opening October 6.

Scouring Powder:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-28, opening October 8.

Shaving Cream:—Supplies; Quartermaster, Fort Hayes, Ohio; procurement 419-10, opening October 7.

Shoe Polish:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-28, opening October 8.

Supplies; Quartermaster, Fort Knox, Ky.; procurement 471-10, opening October 12.

Soap, Laundry:—Supplies; Quartermaster, Fort Oglethorpe, Ga.; procurement 641-12, opening October 14.

Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-28, opening October 8.

Supplies; Quartermaster, Fort Hayes, Ohio; procurement 419-10, opening October 7.

Supplies for various deliveries; Quartermaster Depot, 1819 West Pershing road, Chicago; procurement 199-38, opening October 4.

Soap, Toilet:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-28, opening October 8.

Supplies; Quartermaster, Fort Hayes, Ohio; procurement 419-10, opening October 7.

Supplies; Quartermaster, Fort Knox, Ky.; procurement 471-10, opening October 12.

Supplies; Quartermaster, Fort Oglethorpe,

Fertilizer Materials

Potash Discount Period Expires—Very Little Material Ordered as Prices Reach List Levels—General Trade Dull —Organic Values Are Soft

The expiration of the discount offering period on agricultural potash salts was not marked by much buying. The sellers expected it that way as a result of substantial bookings at the beginning of the season when the discount allowance was higher and also because of the probability of reduced acreage next Spring and a companionate caution among the buyers to wait until closer to planting time to see if their present stocks will not be sufficient for the demands of the market.

The entire fertilizer materials market remained in the doldrums last week. Trade through the month just ended was discouragingly light. The price trend in the organic ammonia group was downward again last week with the Southern buyers manifesting little interest in anything but cottonseed meal. The middle Western market for packing-house by-products was buoyed by some additional interest from the stock and poultry feeders.

Deliveries of mineral ammoniates against contracts were slow, as is usual at this time of the year. Sulphate of ammonia deliveries were better than they usually are at this time because of the new provisions of this year's contracts which even off the withdrawal rate. Deliveries of cal-nitro and calcium nitrate against this year's big bookings were mild.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., Chicago, 10c. per unit.
Bone, dom., 3 & 50 meal, Chicago, $1 per ton.
Tankage, dom., fert. grade, Chicago, 25c. per unit-ton.

Reduced

Blood, dom., New York, 10c. per unit.
import, 5c. per unit.
Bone, dom., 4½ & 50 raw, Atlan. Coast, $1 per ton.
import, 1 & 65-70 steamed, 50c. per ton.
Castor pomace, dom., $1 per ton.
Nitrogenous material, dom., East Coast, 10c. per unit.
import, 15c. per unit.
Tankage, dom., ground, New York, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.7	**66.7**	**66.7**	**63.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The market's position was much the same as it had been for the past several weeks. There is very little material moving into the hands of the fertilizer producers at this time. The price situation was unchanged and the trade seemed amply covered by contracts on estimated requirements for the season.

Sulphate of Ammonia. — Firmness continued as the outstanding characteristic of the market. Regular monthly withdrawals against contracts have given the market a little more activity than is usual for this time of the year. Production of ammonia, in terms of the sulphate equivalent, from by-product coke operations in August was 71,499 net tons, an increase of 3.3 percent over the July production of 69,204 tons, according to the Bureau of Mines. The production in August last year was 60,465 tons and the production for the first eight months of this year was 551,670 tons against 440,417 tons in the same period of 1936.

Castor Pomace.—The domestic article was offered $1 per ton cheaper than previously with quotations at $22 per ton, f.o.b. producing points.

Dried Blood.—Imported material was easier with offerings for October shipment from abroad at $3.40 per unit, a reduction of 5c. from the asking prices of a week ago. The New York market was quoted at $3.40 per unit, a decline of 10c. from a week ago. The Chicago market was raised to $3.60 per unit, following earlier offerings at $3.50 per unit.

Fish Scrap. — Chesapeake menhaden fishermen were not selling until the present gap between production and bookings was lessened. There were some re-sale offerings of unground last week at $3.40 and 10c. per unit-ton, for guaranteed delivery, f.o.b. factory basis. Menhaden meal in Baltimore remained at $52 per ton. Japanese sardine meal was quiet at $47 per ton for shipment from abroad, basis c.i.f., and, at $46 per ton for material on spot. The spot position in the local market was a weak $46 because of arrivals during the week with no takers. The reports on California sardine meal were confused so far as could be learned, there were no sales; the West Coast price was $36 per ton for futures and figuring the freight, the East Coast price would be around $48 per ton, if space was available.

Nitrogenous Material.—Tardy reports from Eastern producing points showed a reduction to $3 per ton, f.o.b. plants here. As reported here last week the Carrollville market was down to $2.40 per unit; the market at Chemical was also lowered to $2.40 per unit. Importers were offering at $3 per unit, c.i.f. but there were bids under that price.

Tankage.—A strengthened market for fertilizer grade in Chicago was the high point of the week. Opening quotations of $2.75 and 10c. were stepped up to $2.85 and 10c. per unit-ton and toward the end of the week the market jumped to $3.10 and 10c. per unit-ton. Feeding stocks were held at $3.50 and 10c. per unit-ton. The New York market was quiet with ground offered 10c. cheaper than a week ago at $3.30 and 10c. per unit-ton. The unground article was nominal in value because of the absence of offerings. Imported material was last quoted at $3.50 and 10c. per unit-ton for shipment.

Potashes

The 5 percent discount offering on potash salts ordered with specifications for delivery in approximately equal monthly quantities from October 1 to January 31 expired with the close of business Thursday. The prices are now at full list. Up to the closing hours of the time for the expiration of the discount offering sellers had not booked much business and did not expect much. As reported previously, the buyers were fairly well covered at the larger discounts available earlier in the season and now with the prospects of reduced fertilizer sales in the Spring, buyers with possible potash needs preferred to wait until closer to consuming time before augmenting stocks, even though the delay would cost 5 percent.

Phosphates

Superphosphate deliveries into the plants of Southern fertilizer producers were moderately active as the Southern trade began basing operations. Bone materials were in a mixed position with cheaper prices reported on some of the imported products and a higher market on 3 and 50 meal in Chicago.

Bone Materials.—The price for 3 & 50 meal in Chicago was raised $1 per ton last week to the basis of $23 to $24 per ton. The domestic 4½ & 50 raw bone delivered at Atlantic Coast ports was quoted at $32 per ton, a decline of $1 per ton, and asked prices for imported 1 and 65-70 percent steamed material were lowered 50c. per ton to the basis of $21.50 per ton.

Superphosphate.—The market continued in a strong position. The movement into the hands of the Southern fertilizer producers was reported a little more active as basing operations were being undertaken in several plants.

Sulphur and Pyrites

Deliveries of sulphur to domestic accounts continued in good fashion, particularly to those buyers in the northern border States. The buyers along the upper Mississippi were also ordering in good fashion, laying in supplies for the Winter months as a caution against the possibility of ice-blocked waterways when the cold weather sets. The price situation continued unchanged. The output of sulphur in Japan during the first half of 1937 was reported at 119,411 metric tons, an increase of 40.4 percent over that of the corresponding period of 1936. Notwithstanding the sharp increase in supplies, exports, which had been steadily gaining, fell in early 1936, according to the commercial attache's office in Tokyo.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Markets at Other Centers

Atlanta, Sept. 29.—Light sales of mixed fertilizers and superphosphate for use under Fall sown grains in the South are in progress. The amount of Fall fertilizers is out of proportion to the acreage sown, the custom being to follow heavily fertilized crops, such as cotton and tobacco, with small grains, and applying a nitrogen top dressing in late Winter or early spring.

The larger manufacturers of mixed fertilizers are manufacturing base goods to be formulated later for spring use, and have covered most of their fertilizer material requirements. Smaller manufacturers and mixers are the chief potential buyers for spring goods and will be ordering through the Winter and early Spring.

For organic ammoniates, southern manufacturers consider cottonseed meal their best buy and believe this material will be abundant at an attractive price. Other ingredients of mixed fertilizers are on fixed price schedules.

Price changes of organic materials are accepted with indifference in the South as long as cheap cottonseed meal is obtainable.

Quotations of this market are as follows:

SUPERPHOSPHATE.—$9.60 ton, interior producing points.

NITRATE OF SODA.—Bulk, port basis, $27 ton.

SULPHATE OF AMMONIA.—Bulk, port basis, $28.50 ton, f.o.b.

COTTONSEED MEAL.—7 percent grade, $20 ton, interior mills.

BLOOD.—$3.10 per unit, Chicago.

TANKAGE.—$2.80 and 10c. per unit, Chicago; South American, $3.50 and 10c. ports.

BONE.—Ground, steamed, 3 and 50 at $22 to $24; 4½ and 50 at $29 and $30, Chicago.

Chicago, Sept. 29.—A considerably stronger market has been developing recently in various grades of fertilizer materials. Buyers are coming into the market for fairly good amounts of material. Blood is ruling at higher prices, and is rather firmly held. Tankage also is showing some improvement, especially high grade. Bone materials are reviving to some extent. More interest is being displayed. Inquiries are coming in fairly well.

BLOOD.—Principal grade, $3.30 to $3.50 per unit of ammonia.

TANKAGE.—High grade, $3.15 to $3.30 and 10c.; low grade, $20 to $22.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $20 to $22; 3 and 50 percent, $23 to $24; 4½ and 50 percent, $29 to $30; grinding hoofs, pigs' toes and waste horn materials, $24 to $26; junk and hotel kitchen bones, $20 to $22; catttle jaws, skulls and knuckles, $30 to $32; pork cracklings, soft pressed, $45 to $50; beef cracklings, soft pressed, $35 to $40; hard pressed cracklings, per unit of protein, 60c. to 65c.

Baltimore, Sept. 29.—Quiet continued in the market for crude fertilizer materials here. Prices were fairly well maintained, with no decided declines in any of the items on the list. The prevailing figures mentioned were as follows:—

FISH SCRAP.—The hauls of menhaden down the lower Chesapeake Bay and off the Virginia capes are still small. Weather conditions have not been favorable. No sales of scrap were reported during the week. Vessels operating off the Delaware coast had better luck, the hauls being quite large and the factories there going good. Menhaden meal in carload lots was held at $52 per ton, basis Baltimore.

TANKAGE.—High grade ground $3.40 and 10c. to $3.60 and 10c. per unit-ton, depending on quality, and unground at $3.25 and 10c. to $3.35 and 10c. per unit-ton.

BLOOD.—The last confirmed trading was at $3.40 per unit.

GARBAGE TANKAGE.—$9 per ton at

Pyroxylin Products Output By Germany Makes Big Gain

Production of pyroxylin products by Germany has gained rapidly in recent years, according to information received by the Department of Commerce from the consul at Frankfort-on-Main.

Production increases have been due in part to better export demand, but mainly to expanded domestic consumption, many industries using pyroxylin products as substitutes for natural materials formerly imported.

Exports of collodion cotton from Germany in 1936 totaled 1,165 metric tons, against 796 tons in the preceding year, and 521 tons in 1932. Gains recorded last year were due mainly to heavy shipments to Soviet Russia, which heretofore had been a negligible market for the products. United Kingdom, Czechoslovakia, and Switzerland also drew heavily from Germany.

Germany's output of "celluloid" also has expanded rapidly in recent years, particularly since the government became active in forcing the use of domestic synthetic materials as substitutes for natural products imported. Exports of "celluloid" also have expanded rapidly, although the increases appear to have been effected, at least in part, through drastic price reductions, according to the report. In 1936 exports were recorded at 2,317 metric tons, compared with 1,824 tons in the preceding year; and in the first four months of this year a total of 1,010 tons were shipped to foreign countries. United Kingdom, Czechoslovakia, and Austria are large buyers, and shipments to Latin America have increased 170 percent since 1932.

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shipping points, making the market here about $13 per ton.

BONE.—$36 to $38 per ton on domestic 4½ and 50 raw stocks for spot shipment, and $26.50 for 3 and 50 ground steamed, with 1 and 70 at $23 per ton, all c.i.f. for Fall and early winter delivery.

San Francisco, Sept. 29.—Fertilizer materials are not overly active in this market, other than that they are figuring in delivery schedules pretty well at the moment. New business however, is slow, and the season's largest buying is now a thing of the past, with most consumers very well taken care of in their requirements. Organic materials, such as blood and tankage were slightly easier last week and fish products remained about unchanged. Both Canadian and Pacific Coast production of sulphate of ammonia is out of the market, sellers having sold up too far to offer further at the present time.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28.30 per ton; and bulk lots $27 per ton, all ex vessel San Francisco/Oakland.

SULPHATE OF AMMONIA.—Sellers of Pacific Coast and Canadian production have withdrawn from the market, owing to scarcity of stocks. Last schedule of quotations ran as follows:—Quoted at $32.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles Harbor and $33.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $34.50 per ton. Prices in effect to end of June, 1938.

AMMONIA PHOSPHATE.—Sellers withdrawn from the market. Last schedule of quotations ran as follows:—Quoted at $41 per ton, single bags; $41.50 per ton, paper-lined bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 85c. to 90c. per unit. Foreign material, nominally quoted at 90c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEAL.—California sardine meal for delivery from production out of current season, quoted on the spot at $37 per ton; for future delivery at $36 per ton, f.o.b. cars, San Francisco/Monterey.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted at $3.05 and 10c. per unit-ton, nominally, f.o.b. cars, Los Angeles. Dry rendered, ground, quoted at 76c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c.

BONE MEAL.—Domestic and imported steamed bone meal, quoted in range, according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic nominal at $2.95 per unit, f.o.b. cars, Los Angeles.

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NAPHTHENIC—1 cs, Socony Vacuum Oil Co, Stuttgart, Hamburg
STEARIC—75 bgs, Binney & Smith Co, Bilderdijk, Rotterdam
ADEPS LANAE—127 bbls, 13 tons, 18 cwt, 2 qtrs, 22 lbs, C Tennant Sons & Co, Samaria, Liverpool
AGAR AGAR—30 bls, H Baron & Co, Asosan, Kobe
10 bls, Mitsui & Co, Asosan, Kobe
10 bls, H Baron & Co, Kijokawa, Kobe
ALBUMEN, EGG — 112 cs, Stein, Hall & Co, Kwansai, Shanghai
56 cs, Stein, Hall & Co, Kwansai, Tientsin
VEGETABLE—46 cs, Lo Curto & Funk, Columbus, Bremen
ALMOND MEAL — 10 kgs, Ungerer & Co, American Banker, London
ALOE—4 cs, City of Canton, Aden
ALUMINUM LEAF—130 cs, Globe Shipping Co, Deutschland, Hamburg
160 cs, Globe Shipping Co, Stuttgart, Hamburg
PASTE — 5 crates, Aluminum Union, Ltd, Georgic, London
POWDER — 44 tins, C J Osborn & Co, Deutschland, Hamburg
AMMONIA, SULPHATE—250 bgs, Bradley & Baker, Bilderdijk, Rotterdam
ANTIMONY, ORE—341 bgs, Watson, Geach & Co, Santa Clara, Arica
2,475 bgs, Santa Clara, Antofagasta
611 bgs, Bank of London South America, Santa Clara, Mollendo
1,628 bgs, Bank of London South America, Chipana, Arica
OXIDE—500 bgs, C Gitlan & Co, Asosan, Hongkong
1,000 bgs, Metal Refg Co, Asosan, Hongkong
REGULUS—3,000 bgs, Taronga, Hongkong
ARCHIL LIQUID—3 cks, Paul A Dunkel & Co, Samaria, Liverpool
ARSENIC, BLACK—96 bbls, American Smelting & Refg Co, Agwistar, Tampico
ARTISTS MATERIAL—3 cs, Winsor & Newton, Georgic, London
6 cs, Gallagher & Ascher, Statendam, Rotterdam
12 cs, M Grumbacher, Kijokawa, Yokohama
1 cs, Favor Ruhl & Co, American Banker, London
ASBESTOS—1,000 bgs, Raw Asbestos Distr, Charles H Cramp, Beira
2,193 bgs, Johns Manvile Corp, Charles H Cramp, Capetown
190 bgs, Standard Bank South Africa, Charles H Cramp, Capetown
FIBER — 400 bgs, Raw Asbestos Distr, Charles H Cramp, Lourenco Marques
SAND—17 bgs, Charles H Cramp, Capetown
ASPHALT—340 bgs, A V Berner & Co, Yucatan, Havana
899 tons, 1,899 dms, Managui, Trinidad
BABASSU KERNELS — 4,083 bgs, General Foods Corp, Benedict, Parnahyba
BALSAM—10 cs, Santa Clara, Cristobal
BARK, MEDICINAL—8 bgs, 7 bls, Deutschland, Hamburg
BILBERRIES—100 bgs, 11,000 lbs, Deutschland, Hamburg
BLANC FIXE—10 cks, Philipp Bros, Statendam, Rotterdam
BLACK BONE—40 cks, C J Osborn & Co, Bilderdijk, Rotterdam
BONE ASH—7 cks, C B Chrystal & Co, Trentino, Hull
BRISTLES—9 cs, F H Cone & Co, President Roosevelt, London
8 cs, Stuttgart, Hamburg
150 cs, Philadelphia National Bank, Kwansai, Hankow
100 cs, Mitsui & Co, Kwansai, Hankow
3 cs, National City Bank, Kwansai, Harbin
36 cs, Royal Bank of Canada, Kwansai, Harbin
7 cs, Iwai & Co, Kwansai, Kobe
50 cs, Brown Bros, Harriman Co, Kwansai, Shanghai
50 cs, Guaranty Trust Co, Kwansai, Shanghai
66 cs, Philadelphia National Bank, Kwansai, Tientsin
20 cs, F H Cone & Co, Kijokawa, Kobe
22 cs, Chesnut Cooper & Co, Berengaria, Southampton
45 cs, American Banker, London
13 cs, Philadelphia National Bank, American Banker, London
36 cs, Chesnut Cooper & Co, American Banker, London
BRONZE POWDER—2 cs, 5 dms, R F Downing & Co, Europa, Bremen
BUCHU LEAVES—20 bls, S B Penick & Co, Berengaria, Southampton
CADMIUM, METAL—90 cs, Pennland, Antwerp
CALCIUM, CYANIDE—39 cs, American Cyanamid & Chem Co, Koenigstein, Antwerp
CAMPHOR, REFD—75 cs, Mitsui & Co, Asosan, Kobe
CANARY SEED—400 bgs, A G Dunn, Exchester, Casablanca
CARAWAY SEED—94 bgs, 10,340 lbs, Levy & Levis Co, President Roosevelt, Hamburg
200 bgs, 22,000 lbs, B H Old & Co, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, Importers Com Co, Bilderdijk, Rotterdam
450 bgs, 49,500 lbs, Catz American Co, Statendam, Rotterdam
200 bgs, 22,000 lbs, O Gerdau Co, Statendam, Rotterdam
50 bgs, 5,500 lbs, J J White Co, Statendam, Rotterdam
100 bgs, 11,000 lbs, H L Friedler, Statendam, Rotterdam
CARBON DECOLORIZING—5 bgs, L A Salomon & Bros, Bilderdijk, Rotterdam
50 bgs, R W Greeff & Co, Bilderdijk, Rotterdam
CARDAMOM—8 cs, American Banker, London
CASSIA—850 bls, Durkee Famous Foods, Asosan, Hongkong
500 bls, Van Loan & Co, Asosan, Hongkong
1,050 bls, Knickerbocker Mills Co, Asosan, Hongkong
200 bls, I Harrison & Whitney, Asosan, Hongkong
50 bls, B Fischer & Co, Asosan, Hongkong
100 bls, G L Curtin Co, Asosan, Hongkong
84 bls, L A Guide, Taronga, Canton
468 bls, Wah Young Co, Taronga, Hongkong
ROLLS—200 bls, I Harrison & Whitney, Taronga, Hongkong
CASTOR BEANS—6,706 bgs, Baker Castor Oil Co, Benedict, Bahia
2,517 bgs, Mitsui & Co, Benedict, Bahia
CASTOR BEANS—835 bgs, Wessel, Duval & Co, Benedict, Bahia
1,700 bgs, Benedict, Pernambuco
2,734 bgs, Benedict, Ceara
1,684 bgs, Spencer Kellogg & Sons, Benedict, Ceara
334 bgs, Benedict, Maranham
4,908 bgs, Normandiet, Ceara
CATTLE HOOFS—285 bgs, Geck Trading Corp, Seatrain Havana, Havana
HORNS—597 bgs, Geck Trading Corp, Seatrain Havana, Havana
CHALK—200 bgs, Pennland, Antwerp
COMMON—400 bgs, Lo Curto & Funk, Georgic, London
1,600 bgs, R L Watkins Co, Georgic, London
NEUBURG—150 bgs, Calco Chem Co, Stuttgart, Bremen
PRECIPITATED—2,000 bgs, 102 tons, 4 cwts, 2 qtrs, 16 lbs, Colgate-Palmolive-Peet Co, Trentino, Hull
CHAMOIS SKINS—3 cs, Chase National Bank, President Roosevelt, Havre
CHEMICALS — 22 cks, Advance Solvents & Chem Co, Koenigstein, Antwerp
20 cs, Sherka Chem Co, Deutschland, Hamburg
200 bgs, 11,440 lbs, American Cyanamid & Chem Co, Deutschland, Hamburg
20 pkgs, Deutschland, Hamburg
35 cks, B L Lemke, Deutschland, Hamburg
10 cs, American Cyanamid & Chem Co, Deutschland, Hamburg
1,016 bgs, Advance Solvents & Chem Co, Deutschland, Hamburg
10 cs, Schimmel & Co, Deutschland, Hamburg
2 pkgs, Eimer & Amend, Deutschland, Hamburg
8 cks, Deutschland, Hamburg
2 cs, Bijk, Inc, Deutschland, Hamburg
3 cs, Hoffmann-La Roche, Paris, Havre
7 pkgs, Roure-Dupont, Paris, Havre
6 cs, H W St John, Paris, Havre
40 cks, Jungmann & Co, Columbus, Bremen
100 cks, Reichard Coulston, Columbus, Bremen
100 cks, C J Osborn & Co, Columbus, Bremen
3 cks, Columbus, Bremen
5 crbys, 3 dms, Pfaltz & Bauer, Columbus, Bremen
10 cks, National City Bank, Columbus, Bremen
1 ck, Fezandie & Sperrle, Columbus, Bremen
1,000 kgs, Mitsubishi Shoji Kaisha, Olympia, Kobe
20 cns, Stuttgart, Bremen
25 cks, 25 dms, 8 crbys, 7 cs, 1 kg, Pfaltz & Bauer, Stuttgart, Bremen
18 bbls, National City Bank, Stuttgart, Hamburg
2 cs, Akatos, Inc, Stuttgart, Hamburg
121 cks, Jungmann & Co, Stuttgart, Hamburg
12 cs, Stuttgart, Hamburg
5 cks, General Aniline Works, Bilderdijk, Rotterdam
25 dms, Th Goldschmidt Corp, Bilderdijk, Rotterdam
6 cs, Bilderdijk, Rotterdam
2 dms, 10 cs, Michel Export Co, Statendam, Rotterdam
37 cks, Innis, Speiden & Co, Statendam, Rotterdam
5 bbls, C Bruning, Statendam, Rotterdam
5 cks, Gustav Martin, Statendam, Rotterdam
24 pkgs, Statendam, Rotterdam
5 cs, 2 cks, Europa, Bremen
5 dms, Hummel Chem Co, Europa, Bremen
308 cks, 300 bgs, Advance Solvents & Chem Corp, Pennland, Antwerp
134 bbls, Scanstates, Gdynia
50 bbls, R D Heins, Batory, Gdynia
60 bbls, Batory, Gdynia
CHINA CLAY—25 bbls, E Fougera & Co, American Banker, London
CHROME ORE—3,500 tons, E J Lavino & Co, Hesperia, Beira
2,075 tons, 14 cwt, 2 qtrs, 13 lbs, E J Lavino & Co, Charles H Cramp, Lourenco Marques
CINCHONA BARK—1 cs, Cinchona Product Institute, Inc, Statendam, Rotterdam
PRODUCTS—100 dms, 74 cs, R W Greeff & Co, Bilderdijk, Rotterdam
25 cs, R W Greeff & Co, Statendam, Rotterdam
CLAY—150 bgs, 33,000 lbs, L A Salomon & Bros, Deutschland, Hamburg
250 bgs, Reichard-Coulston, Stuttgart, Hamburg
COALTAR DERIVATIVES—45 dms, General Aniline Works, Columbus, Bremen
36 dms, 40 cks, General Aniline Works, Bilderdijk, Rotterdam
INTERMEDIATES—8 cks, General Aniline Works, Deutschland, Hamburg
14 cks, 4 cs, General Dyestuff Corp, Deutschland, Hamburg
10 dms, Sandoz Chemical Works, Columbus, Bremen
15 cks, 33 dms, General Aniline Works, Bilderdijk, Rotterdam
10 cks, 35 dms, General Dyestuff Corp, Bilderdijk, Rotterdam
24 dms, 18 cks, General Aniline Works, Statendam, Rotterdam
21 dms, 3 cks, 1 cs, General Dyestuff Corp, Statendam, Rotterdam
10 dms, 5 cks, Sandoz Chemical Works, Europa, Bremen
10 cks, Ciba Co, Europa, Bremen
1 ck, General Dyestuff Corp, Europa, Bremen
COCOA BEANS—3,000 bgs, Wessel, Kulenkampf & Co, Benedict, Bahia
500 bgs, Nieschlag & Co, Benedict, Bahia
500 bgs, A C Israel Commodity Co, Benedict, Bahia
1,000 bgs, Rockwood & Co, Benedict, Bahia
4,000 bgs, Wood & Selick, Benedict, Bahia
1,000 bgs, W R Grace & Co, Benedict, Bahia
300 bgs, Ambrosia Chocolate Co, Benedict, Bahia
15,000 bgs, W Bartholomew & Co, Benedict, Bahia
230 bgs, Benedict, Para
400 bgs, Superintendence Co, New Brunswick, Accra
3,253 bgs, United Africa Co, New Brunswick, Koko
7,200 bgs, Balfour, Guthrie & Co, New Brunswick, Apapa
8,800 bgs, Balfour, Guthrie & Co, New Brunswick, Accra
4,817 bgs, Balfour, Guthrie & Co, Otho, Apapa
19,428 bgs, Balfour, Guthrie & Co, Otho, Lagos
COCOA BEANS—1,000 bgs, Cristobal, South Pacific Ports
500 bgs, W R Grace & Co, Santa Clara, Guayaquil
200 bgs, Normandiet, Para
720 bgs, Superintendence Co, New Texas, Lagos
785 bgs, New Texas, Lagos
500 bgs, Balfour, Guthrie & Co, New Texas, Apapa
560 bgs, Superintendence Co, New Texas, Accra
3,200 bgs, Bank of Manhattan, New Texas, Accra
2,400 bgs, New Texas, Accra
240 bgs, Standard Bank of South Africa, New Texas, Accra
1,440 bgs, New Texas, Winneba
356 bgs, Cie Francaise del Afrique Occid, New Texas, Cape Coast
365 bgs, Cie Francaise del Afrique Occid, New Texas, Takoradi
160 bgs, Standard Bank of South Africa, New Texas, Takoradi
12,480 bgs, Balfour, Guthrie & Co, New Texas, Accra
800 bgs, Balfour, Guthrie & Co, New Texas, Winneba
2,880 bgs, Balfour, Guthrie & Co, New Texas, Saltpond
275 bgs, Curacao Trading Co, Amazone, Curacao
75 bgs, Amazone, Curacao
1 bg, Nieschlag & Co, Pastores, Cristobal
114 bgs, Transmarine Mercantile Corp, Pastores, Cape Haitien
145 bgs, Wessel, Duval & Co, Carabobo, Porto Cabello
50 bgs, Curacao Trading Co, Ponce, Porto Plata
1,118 bgs, Tropic Food Co, Calamares, Cristobal
143 bgs, A S Marques, Almena, Trujillo
250 bgs, Schutte & Bunemann, Almena, Trujillo
769 bgs, Curacao Trading Co, Almena, Sanchez
70 bgs, Gillespie & Co, Almena, Sanchez
60 bgs, Machado & Co, Almena, Sanchez
92 bgs, Porcella, Vicini & Co, Almena, Porto Plata
COCONUTS—800 bgs, 80,000 lbs, Standard Fruit S S Co, Atlantida, La Ceiba
750 bgs, 75,000 lbs, I L Toledano Corp, Cristobal, Cristobal
500 bgs, 50,000 lbs, A A Lindo & Co, Pastores, Kingston
396 bgs, 39,600 lbs, Universal Import & Export Co, Pastores, Kingston
250 bgs, 25,000 lbs, G W Cole & Co, Pastores, Kingston
2,900 bgs, 29,000 lbs, General Foods Corp, Pastores, Kingston
103 bgs, 10,300 lbs, Simons & French, Borinquen, San Juan
10 bgs, 1,000 lbs, J E Garcia, Borinquen, San Juan
1,000 bgs, 100,000 lbs, Durkee Famous Foods, Managui, Trinidad
469 bgs, 46,900 lbs, Durkee Famous Foods, Northern Prince, Port Spain
COCONUT DESIC—250 cs, J H Vavasseur & Co, City of Canton, Colombo
1,500 cs, Wilbur, Ellis Co, Taronga, Manila
1,194 cs, Balfour, Guthrie & Co, Taronga, Manila
4,941 cs, General Foods Corp, Taronga, Manila
CODLIVER MEAL—755 bgs, Consumers Import Co, Taronga, Yokohama
COLCHICUM SEED—30 bls, 3,300 lbs, S B Penick & Co, Exchester, Genoa
COLOMBO ROOT—20 bgs, City of Canton, Colombo
COLORS—6 cs, Phoenix Shipping Co, Deutschland, Hamburg
COMMON—10 dms, Kentler Bros, Pennland, Antwerp
DRY—8 bbls, C J Osborn & Co, Bilderdijk, Rotterdam
EARTH—45 cks, Fezandie & Sperrle, Columbus, Bremen
56 cks, Calco Chem Co, Stuttgart, Bremen
LEAD—4 cks, Reichard Coulston, Belderdijk, Rotterdam
10 bbls, Pennland, Antwerp
PIGMENT—14 cks, General Dyestuff Corp, Bilderdijk, Rotterdam
PRINTING—7 cs, 1 dm, J E Mandlik, Deutschland, Hamburg
COLUMBITE ORE—840 bgs, H N Sneath, New Brunswick, Port Harcourt
COPAIBA BALSAM—114 cs, Benedict, Manaos
30 cs, Normandiet, Manaos
56 cs, A N Leakway, Normandiet, Manaos
4 cs, C E Griffin Co, Pastores, Cristobal
COPRA MEAL—2,575 bgs, Philippine Refg Corp, Asosan, Manila
CORIANDER SEED—250 bgs, President Roosevelt, Bremen
300 bgs, I Harrison & Whitney, Exchester, Casablanca
300 bgs, I Harrison & Whitney, Exchester, Casablanca
376 bgs, Van Loan & Co, Exchester, Casablanca
250 bgs, Export Agencies, Exchester, Casablanca
700 bgs, R J Prentiss & Co, Exchester, Casablanca
100 bgs, Peek & Veisor, Exchester, Casablanca
CORK SHAVINGS—100 bls, V M Calderon & Co, Exchester, Lisbon
112 bls, Exchester, Lisbon
WASTE—1,828 bls, Giulia, Naples
450 bls, Consolidated Corp Corp, Exchester, Lisbon
WOOD—190 bls, H Suhl, Exchester, Algiers
2,135 bls, Armstrong Cork Co, Exchester, Lisbon
272 bls, Exchester, Lisbon
CUBEBS—20 bgs, Siamese Prince, Singapore
CUTTLEFISH BONES—902 cs, Maria, Palermo
CYPRUS ROOT—2 bgs, Peek & Velsor, Silverash, Bombay
DEXTRIN—50 bgs, Stuttgart, Hamburg
DIGITALIS LEAVES—28 pkgs, J L Hopkins & Co, Deutschland, Hamburg
DRAGONS BLOOD—27 cs, Bank of Manhattan, Thurland Castle, Singapore
DRUGS, CRUDE—100 cs, Central Hanover Bank, Berengaria, Southampton
DYES, ALIZARIN—20 dms, 4 jugs, 40 cks, General Dyestuff Corp, Bilderdijk, Rotterdam
22 jugs, 4 dms, 60 cks, General Dyestuff Corp, Statendam, Rotterdam
8 cans, General Dyestuff Corp, Europa, Bremen
ANILIN—2 cs, 6 cks, General Dyestuff Corp, Deutschland, Hamburg
12 dms, 2 cks, Sandoz Chem Works, Columbus, Bremen
4 cks, Fulton Dye Import Co, President Roosevelt, Havre
7 cks, General Dyestuff Corp, Stuttgart, Bremen
2 cks, L & R Organic Prod Co, Bilderdijk, Rotterdam
33 cks, 54 dms, 54 jugs, 2 cs, General Dyestuff Corp, Bilderdijk, Rotterdam
11 dms, 1 cs, 167 cks, General Dyestuff Corp, Statendam, Rotterdam
DYES, ANILIN—55 kgs, 1 cs, Carbic Color & Chem Co, Europa, Bremen
18 cks, Geigy Co, Europa, Bremen
138 cks, Ciba Co, Europa, Bremen
23 dms, Sandoz Chem Works, Europa, Bremen
30 cks, 2 cs, General Dyestuff Corp, Europa, Bremen
BLACK, DIRECT—20 dms, Amtorg Trading Corp, Turksil, Leningrad
DYESTUFFS—20 dms, Central Hanover Bank, Kwansai, Tientsin
EARTH, SILICIOUS — 264 bgs, Stuttgart, Bremen
WROUGHT—200 bgs, Whittaker, Clark & Daniels, Columbus, Bremen
EPHEDRA—8 bls, J L Hopkins & Co, Deutschland, Hamburg
EPSOM SALT—1,000 bgs, Columbus, Bremen
150 bgs, Innis, Speiden & Co, Stuttgart, Bremen
2,000 bgs, Stuttgart, Bremen
ERGOT—40 cs, Columbus, Bremen
FENUGREEK — 50 bgs, Knickerbocker Mills Co, Exchester, Casablanca
FERTILIZER—40 bgs, American Banker, London
FILTER COMPOUND—120 bls, Deutschland, Hamburg
MASS—100 bls, A N Fenton & Co, Columbus, Bremen
100 bls, A N Fenton & Co, Stuttgart, Bremen
PAPER—12 cs, H Reeve, Angel Co, Georgic, London
60 pkgs, H Reeve, Angel & Co, Berengaria, Southampton
FISH MEAL—2,240 bgs, Consumers Import Co, Taronga, Yokohama
SOUNDS—31 bls, Fulton Freight Forwarding Co, Amazone, Maracaibo
FLAXSEED—1,825 bgs, 4,015 bus, Bunge North American Grain Co, Northern Prince, Buenos Aires
1,896 tons, 75,840 bus, Bunge North American Grain Co, Northern Prince, Buenos Aires
FLEASEED—142 bgs, City of Canton, Bombay
200 bgs, Peek & Velsor, Silverash, Bombay
162 bgs, T M Duche & Sons, Silverash, Bombay
200 bgs, R J Prentiss & Co, Silverash, Bombay
142 bgs, S B Penick & Co, Silverash, Bombay
FUR WASTE—16 bls, National City Bank, Banaderos, London
GELATIN—15 cs, Dingelstedt & Co, Deutschland, Hamburg
1 cs, Paul Puttmann, Deutschland, Hamburg
21 cs, Dingelstedt & Co, Stuttgart, Hamburg
8 bgs, T M Duche & Sons, Samaria, Liverpool
POWDERED—72 bbls, International Selling Corp, Koenigstein, Antwerp
107 bgs, Koenigstein, Antwerp
104 bgs, R D McLellan, Statendam, Rotterdam
204 bgs, Pennland, Antwerp
GINGER ROOT—210 bgs, Barclay Bank, Otho, Freetown
368 bgs, Cie Francaise de L'Afrique Occid, Otho, Freetown
300 bgs, United Africa Co, Otho, Freetown
704 bgs, Superintendence Co, New Texas, Freetown
51 bgs, O Gerdau Co, Pastores, Kingston
GLASS DUST—11 cs, Heemsoth, Kerner & Co, Deutschland, Hamburg
PLATE—52 cs, Globe Shipping Co, Deutschland, Hamburg
WINDOW—49 cs, W J Byrnes & Co, Deutschland, Hamburg
7 cs, Leo Popper & Son, Deutschland, Hamburg
283 cs, Vitrea & Co, President Roosevelt, Hamburg
48 cs, Bienenfeld Glass Works, President Roosevelt, Hamburg
15 cs, S A Bendheim & Co, President Roosevelt, Hamburg
6 cs, Leo Popper & Son, President Roosevelt, Hamburg
5 cs, Leo Popper & Son, Georgic, London
16 cs, Pennland, Antwerp
2 cs, L Solomon & Son, Pennland, Antwerp
GLUE — 100 bgs, National Adhesive Corp, Deutschland, Hamburg
DRY—59 bgs, Dingelstedt & Co, Columbus, Bremen
253 bgs, Dingelstedt & Co, Stuttgart, Bremen
LIQUID—1 bbl, A Hurst & Co, Stuttgart, Hamburg
GLYCERIN—1 car, Procter & Gamble Co, Seatrain Havana, Havana
147 tons, Procter & Gamble Co, Taronga, Manila
GRAPHITE—2,239 bgs, National City Bank, City of Canton, Colombo
313 bgs, Sawokla, Port Said
2,100 bgs, Mitsui & Co, Kijokawa, Kobe
626 bgs, Asbury Graphite Mills, Silverash, Batavia
848 bgs, J F Starkey & Co, Silvercedar, Colombo
617 bgs, Silverash, Colombo
GREASE, MINERAL—2 bbls, Concentrate Mfg Corp, Pennland, Antwerp
GUM—5 cs, Peek & Velsor, City of Canton, Aden
5 cs, City of Canton, Aden
1 cs, H S Dorf & Co, Berengaria, Southampton
ARABIC—250 bgs, H Heide, City of Canton, Port Sudan
250 bgs, City of Canton, Port Sudan
100 bgs, Innis, Speiden & Co, City of Canton, Port Sudan
50 bgs, S B Penick & Co, City of Canton, Port Sudan
150 bgs, T M Duche & Sons, Silverash, Port Sudan
100 bgs, Innis, Speiden & Co, Silverash, Port Sudan
250 bgs, McKesson & Robbins, Silverash, Port Sudan
150 bgs, Frank Vliet Co, St Louis, Hamburg
CHICLE—156 bls, Chicle Development Co, Atlantida, Tela
COPAL—35 bgs, American Cyanamid & Chem Co, Siamese Prince, Singapore
93 bskts, O G Innes Corp, Siamese Prince, Amboina
181 bskts, G W S Patterson & Co, Siamese Prince, Macassar
34 bskts, Gillespie-Rogers-Pyatt Co, Siamese Prince, Macassar
DAMMAR—50 cs, G W S Patterson & Co, Siamese Prince, Singapore
420 bgs, American Cyanamid & Chem Co, Siamese Prince, Singapore
50 bgs, 50 cs, Stroock & Wittenberg, Siamese Prince, Singapore
58 cs, O G Innes Corp, Siamese Prince, Singapore

GUM, DAMMAR—200 cs, Gillespie-Rogers-Pyatt Co, Siamese Prince, Batavia
300 cs, G W S Patterson & Co, Siamese Prince, Batavia
166 bgs, Stroock & Wittenberg, Siamese Prince, Batavia
100 cs, W H Scheel, Silverash, Batavia
100 cs, Gillespie-Rogers-Pyatt Co, Silverash, Batavia
KARAYA—435 bgs, Thurston & Braidich, City of Canton, Bombay
70 bgs, City of Canton, Bombay
67 bgs, A D Isbetcherian, President Roosevelt, Hamburg
67 bgs, Frank Vliet Co, President Roosevelt, Hamburg
67 bgs, Frank Vliet Co, City of Canton, Bombay
67 bgs, A D Isbetcherian, Silverash, Bombay
65 bgs, Frank Vliet Co, Silverash, Bombay
MYRRH—6 cs, J L Hopkins & Co, City of Canton, Aden
OLIBANUM—27 bgs, City of Canton, Colombo
TRAGACANTH — 21 cs, American Banker, London
164 bgs, Amtorg Trading Corp, Turksil, Leningrad
GYPSUM—6,200 tons, U S Gypsum Co, Gypsum Empress, Windsor
1,975 tons, National Gypsum Co, Keret, Dingwall
6,200 tons, U S Gypsum Co, Gypsum Queen, Windsor
5,900 tons, National Gypsum Co, Malamton, Cheticamp
GROUND — 500 bgs, Hammil & Gillespie, Trentino, Hull
250 bgs, C B Chrystal & Co, Trentino, Hull
HERBS, CRUDE—51 bls, Koenigstein, Antwerp
5 cs, 134 bls, Stuttgart, Hamburg
HOPS—9 bls, Globe Shipping Co, Deutschland, Hamburg
80 bls, Bode & Voigt, Deutschland, Hamburg
100 bls, S S Steiner, Deutschland, Hamburg
4 pkgs, R F Downing & Co, Deutschland, Hamburg
6 bls, Heemsoth-Kerner Co, Deutschland, Hamburg
6 bls, Atlantic Forwarding Co, Deutschland, Hamburg
4 pkgs, American Express Co, Deutschland, Hamburg
50 bls, S S Steiner, President Roosevelt, Hamburg
3 pkgs, R F Downing & Co, Stuttgart, Hamburg
2 bls, 1 cs, S S Steiner, Europa, Bremen
IPECAC ROOT—23 bgs, C E Griffin Co, Cristobal, Central American ports
23 bgs, Eggers & Heinlein, Santa Clara, Cristobal
IRON, ORE—56 dms, 650 bgs, Reichard-Coulston, Samaria, Liverpool
OXIDE—20 cks, J Lee Smith & Co, Trentino, Hull
ISINGLASS—50 bls, C H Reisig, Paris, Havre
KAMALA—118 bgs, City of Canton, Colombo
KELP MEAL—560 bgs, Consumers Import Co, Taronga, Yokohama
KOLA NUTS—50 bgs, D Steengrafe, Pastores, Kingston
12 bls, J L Hopkins & Co, St Louis, Hamburg
34 bgs, Barclay Bank, Calamares, Kingston
LEATHER, WASTE—296 bgs, Banaderos, London
LECITHIN — 5 dms, Chase National Bank, Stuttgart, Bremen
LICORICE, PASTE—1 cs, Kanebo, Inc, Asosan, Kobe
ROOT—41 cs, 4,787 lbs, Exchester, Catania
117 bgs, Amtorg Trading Corp, Turksil, Leningrad
LIME JUICE—50 hhds, L Rose & Co, Georgic, London
LITHOPONE—700 cks, Benj Moore & Co, Bilderdijk, Rotterdam
LOCUST BEANS—100 cs, H Schoenfeld & Son, Maria, Bari
300 cs, 250 bls, Levy & Levis Co, Maria, Bari
826 cs, 100 bls, Maria, Bari
MACE—10 cs, Catz American Co, Siamese Prince, Banda
16 cs, W E Martin, Siamese Prince, Banda
82 cs, Catz American Co, Siamese Prince, Macassar
MAGNESITE, CALCINED—30 dms, Speiden, Whitfield Co, Statendam, Rotterdam
MANIOC FLOUR—1,087 bgs, Chase National Bank, Silverash, Semarang
4,298 bgs, Chase National Bank, Silvercedar, Semarang
MATCHES, SAFETY—254 cs, Simons Distr Co, President Roosevelt, Hamburg
125 cs, 215 tins, Fennland, Antwerp
3,850 cntns, New York Match Co, Gripsholm, Gothenburg
MEDICINAL PREPS—5 cs, E Fougera & Co, Paris, Havre
50 cs, McKesson & Robbins, Bilderdijk, Rotterdam
9 cs, Burroughs, Wellcome & Co, American Banker, London
MENTHOL — 25 cs, Norda Essential Oil & Chem Co, Kijokawa, Otaru
MICA—31 cs, Philadelphia National Bank, City of Canton, Calcutta
BLOCK—30 cs, Globe Shipping Co, City of Canton, Calcutta
126 cs, City of Canton, Calcutta
40 cs, Brown Bros-Harriman Co, City of Canton, Calcutta
95 cs, A O Schoonmaker Insulation Co, Sawokla, Calcutta
62 cs, Sawokla, Calcutta
DISCS—16 cs, City of Canton, Calcutta
5 cs, Sawokla, Calcutta
FILM—14 cs, A O Schoonmaker Insulation Co, Sawokla, Calcutta
7 cs, Sawokla, Calcutta
PLATE—1 cs, Philadelphia National Bank, City of Canton, Calcutta
2 cs, Brown Bros-Harriman Co, City of Canton, Calcutta
SPLITTINGS—685 cs, A O Schoonmaker Insulation Co, City of Canton, Calcutta
345 cs, Philadelphia National Bank, City of Canton, Calcutta
350 cs, General Electric Co, City of Canton, Calcutta
303 cs, City of Canton, Calcutta

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MICA SPLITTINGS—299 cs, Gillespie-Rogers-Pyatt Co, City of Canton, Calcutta
215 cs, Brown Bros-Harriman Co, City of Canton, Calcutta
25 cs, General Electric Co, Sawokla, Calcutta
160 cs, A O Schoonmaker Insulation Co, Sawokla, Calcutta
MILK POWDER—188 cs, R E Schanzer, Bilderdijk, Rotterdam
MINERAL WHITE—300 bgs, Whittaker, Clark & Daniels, Trentino, Hull
MOLASSES—380,000 kilos, W R Grace & Co, Santa Clara, Salaverry
310,000 kilos, W R Grace & Co, Santa Clara, Supe
692,599 gls, Commercial Molasses Co, Amolco, Vita
139,459 gls, Commercial Molasses Co, Amolco, Preston
METHYL PARA-AMINOPHENOLSULPHATE—8 cs, Deutschland, Hamburg
MUSTARD SEED—450 bgs, I Harrison & Whitney, President Roosevelt, Hamburg
50 bgs, J F Frank, Bilderdijk, Rotterdam
150 bgs, Catz American Co, Statendam, Rotterdam
200 bgs, J B Bacharach, Statendam, Rotterdam
100 bgs, C Gulden, Exchester, Catania
200 bgs, C Gulden, Exchester, Palermo
150 bgs, Durkee Famous Foods, Batory, Copenhagen
150 bgs, I Harrison & Whitney, Batory, Copenhagen
MYROBALANS—8,000 pockets, Hammond & Carpenter, Sawokla, Calcutta
NAPHTHA—56,688 bbls, Standard Oil Co of N J, Vitruvia, Aruba
NUTMEGS—150 bgs, Dodge & Olcott Co, Manaqui, Grenada
250 bgs, Royal Bank of Canada, Manaqui, Grenada
400 bgs, Manaqui, Grenada
OCHER—135 bgs, Reichard-Coulston, Samaria, Liverpool
OIL, ALMOND—5 cs, Ungerer & Co, American Banker, London
ANISE—10 dms, Colgate-Palmolive-Peet Co, Asosan, Hongkong
BAY—10 cs, J H Rodriguez & Co, Borinquen, San Juan
27 cs, Geo Lueders & Co, Manaqui, Dominica
CARAWAY—1 dm, Dodge & Olcott Co, Bilderdijk, Rotterdam
CHINAWOOD—413 tons, Wah Chang Trading Corp, Siamese Prince, Shanghai
266 dms, Asosan, Hongkong
967 tons, Mitsui & Co, Kwansai, Hankow
CITRONELLA—8 dms, Orbis Product Corp, Siamese Prince, Batavia
4 dms, Givaudan, Delawanna, Siamese Prince, Batavia
16 dms, Catz American Co, Siamese Prince, Batavia
24 dms, Colgate-Palmolive-Peet Co, Siamese Prince, Batavia
2 dms, W J Bush & Co, Siamese Prince, Batavia
10 dms, Barber S S Line, Georgic, London
6 dms, Orbis Product Corp, Sawokla, Colombo
10 dms, Sawokla, Colombo
8 dms, Thurland Castle, Batavia
COCONUT — 471 tons, Philippine Refining Corp, Siamese Prince, Cebu
478 tons, Guaranty Trust Co, Siamese Prince, Manila
1,082 tons, Philippine Refining Corp, Asosan, Manila
251 tons, Wecoline Prod, Inc, Thurland Castle, Cebu
371 tons, Best Food Co, Taronga, Manila
900 tons, Procter & Gamble Co, Taronga, Manila
COD—750 cks, Balfour, Guthrie & Co, President Roosevelt, Hamburg
175 cks, Bowring & Co, Fort Amherst, St Johns
52 cks, F W Damon, Fort Amherst, St Johns
CODLIVER—325 dms, I M M Co, President Roosevelt, Hamburg
271 dms, Brown Bros, Harrimann Co, Trentino, Hull
300 dms, McKesson & Robbins, Trentino, Hull
92 dms, S Emy, Taronga, Yokohama
41 bbls, Rockefeller Foundation, Fort Amherst, St Johns
140 dms, E R Squibb & Sons, Fort Amherst, St Johns
CORN—50 dms, Georgic, London
75 dms, Statendam, Rotterdam
25 dms, Murray Oil Prod Co, Banaderos, London
125 dms, Sunhold Trading Corp, Banaderos, London
COTTONSEED—530 dms, Benedict, Pernambuco
ESSENTIAL—7 dms, Atlantida, Tela
3 cks, Deutschland, Hamburg
45 cs, Paris, Havre
2 cs, President Roosevelt, Havre
3 cs, Bilderdijk, Rotterdam
13 cs, Statendam, Rotterdam
3 cs, Europa, Bremen
21 pkgs, American Banker, London
2 dms, Calamares, Kingston
EUCALYPTUS — 6 dms, Taronga, Kobe
FINN—50 bbls, Scanstates, Wiborg
FISH LIVER—69 dms, S Emy, Asosan, Yokohama
FUEL—64,211 bbls, Asiatic Petroleum Corp, W W Mills, Curacao
104,000 bbls, Standard Oil Co of N J, Wilhelm A Riedeman, Aruba
55,517 bbls, Standard Oil Co of N J, Wellfield, Aruba
85,000 bbls, Standard Oil Co of N J, Baltic, Aruba
68,000 bbls, Standard Oil Co of N J, Franklin K Lane, Aruba
95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
46,000 bbls, Standard Oil Co of N J, Maturines, Aruba
97,500 bbls, Standard Oil Co of N J, Charles Pratt, Aruba
GERANIUM — 12 dms, Charles H Cramp, Mombasa
LIME—10 cs, Wells, Fargo & Co Express, Yucatan, Vera Cruz
14 cs, Manaqui, Dominica
LINSEED—2 bbls, Gallagher & Ascher, Statendam, Rotterdam
MINERAL—85 dms, Heemsoth, Kerner & Co, Deutschland, Hamburg
100 dms, Deutschland, Hamburg
OITICICA—50 dms, Benedict, Ceara
100 dms, Benedict, Ceara
175 dms, Normandiet, Ceara
OLIVE—35 cs, Berengaria, Southampton
500 cs, Exchester, Leghorn
32 cs, Exchester, Palermo
100 cs, Exchester, Algiers
ORANGE—82 cs, Fritzsche Bros, Borinquen, San Juan
PALM—1,395 tons, Banque Belge Pour l'Etranger, Silverash, Belawan
Quantity, Banque Belge pour l'Etranger, Thurland Castle, Belawan
368 dms, Superintendence Co, New Brunswick, Port Harcourt
43 cks, Balfour, Guthrie & Co, New Brunswick, Abonema
252 tons, Superintendence Co, New Brunswick, Abonema
26 cks, Cie Francaise de L'Afrique Occid, New Brunswick, Warri
66 dms, Balfour, Guthrie & Co, Otho, Apapa
OIL, PALM—284 tons, Balfour, Guthrie & Co, Otho, Matadi
Quantity, Banque Belge pour l'Etranger, Siamese Prince, Belawan
20 dms, Balfour, Guthrie & Co, New Texas, Accra
81 dms, Balfour, Guthrie & Co, New Texas, Boutri
PALMKERNEL — 27,000 kilos, Balfour, Guthrie & Co, Bilderdijk, Rotterdam
308,000 kilos, Bilderdijk, Rotterdam
PEANUT—50 dms, I R Boody & Co, Bilderdijk, Rotterdam
25 dms, Bilderdijk, Rotterdam
PETITGRAIN — 25 cs, Northern Prince, Buenos Aires
PINENEEDLE—4 dms, Atlantic White Sea & Baltic Co, American Banker, London
27 dms, Amtorg Trading Corp, Turksil, Leningrad
POPPYSEED—5 dms, Fezandie & Sperrle, Bilderdijk, Rotterdam
RAPESEED—400 dms, Mitsui & Co, Asosan, Kobe
300 dms, Mitsui & Co, Kwansai, Osaka
100 dms, Mitsui & Co, Kwansai, Moji
150 dms, I R Boody & Co, Kijokawa, Kobe
RESIDUE—75 dms, Deutschland, Hamburg
SASSAFRAS—23 dms, McKesson & Robbins, Kwansai, Kobe
VEGETABLE—125 dms, American Banker, London
VETIVER — 8 dms, Geo Uhe & Co, Thurland Castle, Batavia
YLANG YLANG—10 dms, Chase National Bank, City of Canton, Aden
2 cks, Continental Bank Trust Co, City of Canton, Aden
1 dm, Sawokla, Port Said
ORANGE PEEL—58 bgs, Transmarine Mercantile Corp, Pastores, Cape Haitien
ORRISROOT—23 bgs, J L Hopkins & Co, Exchester, Leghorn
PAPAIN — 27 cs, Central Hanover Bank, Georgic, London
PAPRIKA—25 bgs, 45 cs, H Schoenfeld & Son, Deutschland, Hamburg
25 bgs, National Carloading Corp, Deutschland, Hamburg
50 cs, Knickerbocker Mills Co, Deutschland, Hamburg
50 bgs, Columbus, Bremen
PARAFFIN — 1,600 bgs, Asiatic Petroleum Corp, Georgic, London
PATCHOULI LEAVES—72 bls, Bank of Manhattan, Siamese Prince, Singapore
PEATMOSS—215 bls, Premier Peatmoss Corp, Statendam, Rotterdam
840 bls, Premier Peatmoss Corp, Scanstates, Copenhagen
600 bls, Scanstates, Copenhagen
PEPPER, BLACK—900 bgs, Thurland Castle, Oosthaven
500 bgs, Otto Gerdau Co, Silverash, Oosthaven
250 bgs, Silverash, Oosthaven
WHITE—252 bgs, Siamese Prince, Singapore
PEPTONE — 2 cs, 121 lbs, Eimer & Amend, Deutschland, Hamburg
PETROLEUM, CRUDE—106,845 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
107,808 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
REFINED—115 dms, 50,600 lbs, Robt Cruickshank, Deutschland, Hamburg
SULPHONATED—17 bbls, Stuttgart, Hamburg
PHOSPHORUS RED—35 cs, Toronga, Kobe
PITCH STEARIN—79 dms, 215 cks, A V Berner & Co, Trentino, Hull
115 dms, Leitch Mfg Co, Trentino, Hull
60 dms, Brookiyn Trust Co, Trentino, Hull
POPPYSEED—150 bgs, J Loewith, Batory, Gdynia
150 bgs, 16,500 lbs, Jaburg Bros, Bilderdijk, Rotterdam
200 bgs, 22,000 lbs, Levy & Levis Co, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Bilderdijk, Rotterdam
200 bgs, 22,000 lbs, R L Friedler, Bilderdijk, Rotterdam
200 bgs, 22,000 lbs, Bilderdijk, Rotterdam
200 bs, 22,000 lbs, M Witsenburg, Bilderdijk, Rotterdam
50 bgs, 5,500 lbs, G T German, Bilderdijk, Rotterdam
225 bgs, 24,750 lbs, Catz American Co, Statendam, Rotterdam
200 bgs, 22,000 lbs, Knickerbocker Mills Co, Statendam, Rotterdam
200 bgs, 22,000 lbs, R L Friedler, Statendam, Rotterdam
300 bgs, 33,000 lbs, C M Van Sillevoldt, Statendam, Rotterdam
50 bgs, 5,500 lbs, J J White Co, Statendam, Rotterdam
100 bgs, 11,000 lbs, C M Van Sillevoldt, Scanstates, Gdynia
400 bgs, 44,000 lbs, Levy & Levis Co, Scanstates, Gdynia
100 bgs, 10,000 lbs, A G Dunn, Scanstates, Gdynia
POTASH CARBONATE—25 cks, 6,105 lbs, American Cyanamid & Chem Co, Deutschland, Hamburg
CAUSTIC—80 dms, American Cyanamid & Chem Co, Stuttgart, Hamburg
CHLORATE—1,400 dms, Uniform Chem Prod Co, Deutschland, Hamburg
OXALATE — 8 dms, 1,874 lbs, Eugene Dietzgen Co, Stuttgart, Bremen
PERMANGANATE — 100 dms, 12,034 lbs, American Cyanamid & Chem Co, Deutschland, Hamburg
PRUSSIATE—100 bbls, American Cyanamid & Chem Co, Deutschland, Hamburg
PROTECTOL—33 cks, General Aniline Works, Columbus, Bremen
PUMICE — 4,321 bgs, K F Griffiths & Co, Maria, Canneto
750 bgs, J H Rhodes & Co, Exchester, Canneto
510 bgs, C B Chrystal & Co, Exchester, Canneto
LUMP—6,680 bgs, 1 cs, 8 cks, J H Rhodes & Co, Exchester, Canneto
PYRETHRUM EXTRACT—4 cs, Dodwell & Co, Kijokawa, Kobe
FLOWERS—75 bls, J Powell & Co, Asosan, Kobe
125 bls, J Powell & Co, Kijokawa, Kobe
375 bls, Sherwood Petroleum Co, Kijokawa, Kobe
QUEBRACHO EXTRACT—10,188 bgs, International Product Corp, Northern Prince, Buenos Aires
QUICKSILVER — 100 flsks, Chase National Bank, Yucatan, Vera Cruz
100 flsks, Exchester, Leghorn
QUININE AND CINCHONA BARK — 1 cs, Cinchona Product Institute, Inc, Statendam, Rotterdam
RAPESEED—110 bgs, A G Dunn, Bilderdijk, Rotterdam
50 bgs, Levy & Levis Co, Statendam, Rotterdam
150 bgs, Wagner Bros Seed Corp, Statendam, Rotterdam
375 bgs, Wagner Bros Feed Corp, Kijokawa, Kobe
563 bgs, A G Dunn, Kijokawa, Otaru
200 bgs, Becker-Mayer Seed Co, Banaderos, Rotterdam
SABADILLA SEED—406 bgs, Amazone, Porto Cabello
SAFFRON—28 cs, Yucatan, Vera Cruz
SAGO FLOUR—731 bgs, Siamese Prince, Singapore
6,400 bgs, Chase National Bank, Asasan, Singapore
744 bgs, Stein, Hall & Co, Silvercedar, Singapore
SALT—31,615 bu, Independent Salt Co, Siredal, Turks Island
20,032 bbls, Andrew Spelman Co, Siredal, Turks Island
PICKLE—70 cks, W J Honan, Deutschland, Hamburg
SANDALWOOD—16 bgs, Greene Trading Co, Silverash, Bombay
SARDINE MEAL—3,600 bgs, Balfour, Guthrie & Co, Taronga, Yokohama
SARSAPARILLA ROOT—23 bls, Agwistar, Tampico
SAWDUST—762 bgs, State Chem Co, Bilderdijk, Rotterdam
400 bgs, State Chem Co, Statendam, Rotterdam
SENNA LEAVES—200 bls, S B Penick & Co, City of Canton, Colombo
35 bls, City of Canton, Port Sudan
65 bls, Barber S S Line, Georgic, London
SESAME SEED—112 bgs, Taronga, Hongkong
SHELLAC—10 cs, A Hurst & Co, Deutschland, Hamburg
200 bgs, Philadelphia Natl Bank, City of Canton, Calcutta
300 bgs, A Hurst & Co, City of Canton, Calcutta
100 bgs, Guaranty Trust Co, Sawokla, Calcutta
5 cs, A Hurst & Co, Bilderdijk, Rotterdam
SEEDLAC—500 bgs, Argenti & Co, City of Canton, Calcutta
300 bgs, Gillespie-Rogers-Pyatt Co, City of Canton, Calcutta
500 bgs, Chase Natl Bank, Sawokla, Calcutta
150 bgs, Mantrose Corp, Sawokla, Calcutta
250 bgs, Philadelphia Natl Bank, Sawokla, Calcutta
SOAP BARK—109 bls, W R Grace & Co, Santa Clara, San Antonio
SOAP, SOFT—5 dms, Ant Gibbs & Co, Cameronia, Glasgow
TOILET—3 cs, R H Macy & Co, American Banker, London
SODA HYDROSULPHITE—75 kgs, Philipp Bros, Samaria, Liverpool
METABISULPHITE—200 kgs, 24,602 lbs, Corn Exchange Bank, Deutschland, Hamburg
PRUSSIATE—612 cs, Charles Hardy, Kwansai, Yokohama
SULPHATE—425 cks, Advance Solvents & Chem Co, Koenigstein, Antwerp
SOOT—8 bbls, Advance Solvents & Chem Co, Deutschland, Hamburg
SOYBEAN CONCENTRATES—24 cks, Deutschland, Hamburg
SPONGES—20 bls, American Sponge & Chamois Co, Oriente, Havana
REFUSE—16 bls, American Sponge & Chamois Co, Oriente, Havana
94 bls, J H Rhodes & Co, Santa Clara, Havana
SQUILL—60 bls, 6,600 lbs, J L Hopkins & Co, Exchester, Catania
100 bls, 11,000 lbs, Exchester, Catania
STARCH, POTATO—100 bgs, Bilderdijk, Rotterdam
RICE—25 bls, 10 cs, Habicht Braun Co, Columbus, Bremen
20 cks, S Stern-Stiner, Columbus, Bremen
WHEAT—160 bgs, Kwansai, Tokio
SUMAC—210 bgs, E E Androvette, Maria, Palermo
TALC—200 bgs, Silverash, Bombay
TANKAGE—508 bgs, Normandiet, Santos
TAPIOCA, FLOUR—996 bgs, Siamese Prince, Batavia
3,345 bgs, Stein, Hall & Co, Siamese Prince, Batavia
1,070 bgs, Balfour, Guthrie & Co, Siamese Prince, Batavia
700 bgs, Catz American Co, Siamese Prince, Batavia
2,206 bgs, Chase National Bank, Siamese Prince, Pasoeroean
1,009 bgs, A D Welds Son, Siamese Prince, Pasoeroean
852 bgs, National Adhesive Corp, Thurland Castle, Pasoeroean
1,102 bgs, Thurland Castle, Pasoeroean
250 bgs, American Cyanamid & Chem Co, Thurland Castle, Batavia
1 bg, Sino Java Handel, Thurland Castle, Batavia
250 bgs, I R Boody & Co, Thurland Castle, Tjilatjap
250 bgs, Java American Export Co, Silverash, Cheribon
500 bgs, National Adhesive Corp, Silverash, Cheribon
500 bgs, National Adhesive Corp, Silvercedar, Cheribon
2,030 bgs, Stein, Hall & Co, Silvercedar, Cheribon
750 bgs, Philadelphia National Bank, Silvercedar, Cheribon
PEARL—188 bgs, Catz American Co, Siamese Prince, Batavia
SEED—77 bgs, Catz American Co, Siamese Prince, Batavia
TARTAR—183 bgs, Standard Brands Corp, Maria, Algiers
300 bgs, Albert Novi, Exchester, Catania
614 bgs, Charles Pfizer & Co, Exchester, Algiers
TEA, HAMBURG—15 cs, Ehrmann-Strauss Co, Deutschland, Hamburg
TEAWASTE—425 bgs, Citro Chem Co, City of Canton, Calcutta
TIMBO POWDER—210 cs, Benedict, Para
TONKA BEANS—18 cs, 11 bbls, Irving Trust Co, Benedict, Para
30 cs, Benedict, Manaos
10 bbls, Guaranty Trust Co, Normandiet, Manaos
7 cks, Manaqui, Trinidad
TUBA ROOT—100 bls, New York Trust Co, Asasan, Singapore
TURPETH ROOT—9 bgs, Peek & Velsor, Silverash, Bombay
VALERIAN ROOT—20 bls, J L Hopkins & Co, Koenigstein, Antwerp
VANILLA BEANS—11 cs, Sawokla, Port Said
WATER, MINERAL—100 cs, E Fucini & Co, Exchester, Naples
WATTLE BARK—2,171 bls, Charles H Cramp, Mombasa
1,032 bgs, Tannin Corp, Charles H Cramp, Durban
WAX — 1 cs, A M Schmidt & Co, Europa, Bremen
ANIMAL—18 bgs, Northern Prince, Montevideo
BEES—84 bgs, City of Canton, Port Sudan
96 bgs, D A Zorilla, Agwistar, Tampico
421 blocks, New Texas, Freetown
8 cs, Silversah, Karachi
44 bgs, D Steengrafe, Charles H Cramp, Mombasa
77 bgs, D Steengrafe, Charles H Cramp, Dar-es-Salaam
8 bgs, Curacao Trading Co, Ponce, Sanchez
80 bgs, Strohmeyer & Arpe Co, Northern Prince, Santos
5 bgs, A S Marques, Almena, Trujillo
13 bgs, Schutte & Focke, Almena, Sanchez
4 seroons, Porcella Vicini & Co, Almena, Puerto Plata
2 bgs, Carr Bros, Almena, Puerto Plata
CANDELILLA—394 bgs, D A Zorrilla, Agwistar, Tampico
378 bgs, M Argueso & Co, Agwistar, Tampico
7 bgs, Agwistar, Tampico
CARNAUBA—43 bgs, Strahl & Pitsch, Benedict, Bahia
376 bgs, Bank of London, South America, Benedict, Parnahyba
126 bgs, Strohmeyer & Arpe Co, Benedict, Parnahyba
63 bgs, Strahl & Pitsch, Benedict, Parnahyba
388 bgs, American Cyanamid & Chemical Co, Benedict, Parnahyba

WAX, CARNAUBA—63 bgs, Brown Bros-Harriman Co, Benedict, Parnahyba
563 bgs, Benedict, Parnahyba
56 bgs, Innis, Speiden & Co, Benedict, Ceara
48 bgs, Strohmeyer & Arpe Co, Benedict, Ceara
23 bgs, Smith & Nichols, Benedict, Ceara
44 bgs, Benedict, Ceara
MINERAL—150 bgs, General Dyestuff Corp, Statendam, Rotterdam
MONTAN—700 bgs, Strohmeyer & Arpe Co, Deutschland, Hamburg
475 bgs, Strohmeyer & Arpe Co, Stuttgart, Hamburg
OZOKERITE—54 bgs, C B Chrystal & Co, Deutschland, Hamburg
PITCH—7 pkgs, Fred Henjes, Stuttgart, Bremen
VEGETABLE—100 cs, H H Rosenthal Co, Asosan, Kobe
WITHERITE—1,500 bgs, 150 tons, 17 cwt, 18 lbs, National Carloading Corp, Trentino, Newcastle-Tyne
WOODFLOUR—1,243 bgs, Bilderdijk, Rotterdam
XYLOL—1 cks, Bilderdijk, Rotterdam
YEAST — 170 kegs, Compressed Yeast Co, Deutschland, Hamburg
135 bbls, Vulkan Yeast Co, Deutschland, Hamburg
100 bgs, Stuttgart, Hamburg
ZINC OXIDE—10 bbls, Philipp Bros, Koenigstein, Antwerp
40 cks, 4 tons, 7 cwt, 2 lbs, Paul A Dunkel & Co, Trentino, Newcastle-Tyne
1 keg, 1 cwt, 5 lbs, Merck & Co, Trentino, Newcastle-Tyne

New York Transit Imports

BLUE ULTRAMARINE — 146 cks, Standard Ultramarine Co, Trentino, Hul, Huntington
CARAWAY SEED—300 bgs, 33,000 lbs, Statendam, Rotterdam, Chicago
CASSIA—300 bls, Thomson & Taylor, Asosan, Hongkong, Chicago
300 bls, American Spice Mills, Asosan, Hongkong, Chicago
GELATIN—2 cs, Eastman Kodak Co, Columbus, Bremen, Rochester
MURU MURU KERNELS—1,770 bgs, National City Bank, Normandiet, Para, Cleveland
MUSTARD SEED—50 bgs, Bilderdijk, Rotterdam, Chicago
200 bgs, Statendam, Rotterdam, Chicago
OIL, CITRONELLA—4 dms, A M Todd Co, Siamese Prince, Batavia, Kalamazoo
PAPRIKA — 10 cs, First National Bank, Deutschland, Hamburg, Chicago
POPPYSEED—200 bgs, 22,000 lbs, Statendam, Rotterdam, Cleveland
200 bgs, 22,000 lbs, Statendam, Rotterdam, Chicago
SARSAPARILLA ROOT—39 bls, Parke Davis & Co, Agwistar, Tampico, Detroit
STARCH, RICE—8 bbls, Eastman Kodak Co, Columbus, Bremen, Rochester
VANILLA BEANS—38 cs, M Cortizas Co, Yucatan, Vera Cruz, Philadelphia

Baltimore Imports

ANTIMONY OXIDE—325 bgs, Waukegan, Liverpool
BONEMEAL—1,087 bgs, Paraguayo, Buenos Aires
CALCIUM NITRATE—1,259 tons, Synthetic Nitrogen Prod Co, Topeka, Heroen
CHEMICALS—500 bgs, 21 cks, 25 bbls, Black Tern, Antwerp
150 cks, Black Tern, Rotterdam
300 bgs, City of Newport News, Bremen
CHROME ORE—7,300 tons, E J Lavino Co, Lancaster, Lourenco Marques
2,000 tons, Extavia, Mersin
CLAY, RAW—150 cs, City of Newport News, Bremen
FERRO MANGANESE—250 cs, Katsuragi, Yokohama
300 cs, Kinai, Yokohama
IRON ORE—10,500 tons, Bethlehem Steel Co, Cubore, Daiquiri
22,300 tons, Bethlehem Steel Co, Amerikaland, Cruz Grande
LIVER MEAL—360 bgs, Paraguayo, Buenos Aires
MANGANESE ORE—1,800 tons, Fairfield City, Calcutta
6,300 tons, Fjordheim, Santiago
MOLASSES—16,809,670 lbs, Cuba Distilling Co, Catahoula, Jucaro
OIL, COCONUT—949 tons, Katsuragi, Manila
LUBRICATING—50 dms, Black Tern, Antwerp
WHITE—20 dms, Black Tern, Antwerp
PEATMOSS—1,985 bls, City of Newport News, Bremen
PETROLEUM, CRUDE—93,612 bbls, Standard Oil Co of N J, E G Seubert, Las Piedras
POTASH, CHLORATE—300 cs, Black Tern, Rotterdam
KAINIT AND MURIATE—1,787 tons, Black Tern, Antwerp
QUARTZ SAND—600 bgs, Balto & Ohio R R Co, City of Newport News, Bremen
TANKAGE—2,000 bgs, Paraguayo, Buenos Aires
WHALE MEAL—1,109 bgs, Topeka, Heroen
YELLOW OXIDE—90 bgs, E M & F Waldo, Waukegan, Liverpool

Boston Imports

ACID, CRESYLIC—60 dms, 13 tons, 13 cwt, 2 qtrs, 12 lbs, Waukegan, Liverpool
CALCIUM NITRATE—1,440,045 lbs, Synthetic Nitrogen Products Corp, Thode Fagelund, Porsgrund
CHEMICALS—10 dms, Advance Solvents & Chem Corp, Thode Fagelund, Porsgrund
69 cks, Frankfurt, Bremen
1,093 bgs, 232,056 lbs, Frankfurt, Hamburg
100 cks, 13,007 lbs, E Becker, Frankfurt, Hamburg
500 bgs, 110,230 lbs, D C Andrews Co, Frankfurt, Hamburg
COCONUTS—250 bgs, J Simon & Co, Lady Nelson, Georgetown
COTTONSEED MEAL—14,898 bgs, Olympia, Kobe
EMERY POWDER—77 bgs, 3 cs, Nicholson & Co, American Banker, London
FERTILIZER—54 bgs, American Express Co, American Banker, London
GAMBIER—111 cs, Littlejohn & Co, Siamese Prince, Singapore
GLASS, WINDOW—130 cs, 23,325 lbs, Lehigh, Hamburg
6 cs, 3,344 lbs, Wheeler Meserve Glass Co, Lehigh, Hamburg
GLUE—100 bgs, 5 tons, 2 cwt, 2 qtrs, 20 lbs, Stone & Downer, Samaria, Liverpool
MARINE, PITCH—9 dms, L W Ferdinand & Co, American Banker, London
GLUESTOCK—78 bls, 39,848 lbs, Lehigh, Hamburg
FISH SCRAP—9 bbls, and 15 bxs, J H Poole Co, Yarmouth, Yarmouth
HIDE CUTTINGS—534 bgs, 37 tons, 18 cwt, 23 lbs, American Express Co, Samaria, Liverpool
GRAPHITE—4,634 bgs, G F Starkey & Co, Silvercedar, Colombo
GUM, ARABIC—100 bgs, 22,487 lbs, Silverash, Port Sudan
COPAL—63 bskts, W H Scheel, Siamese Prince, Macassar
GYPSUM—6,300 tons, United States Gypsum Co, Gypsum Queen, Windsor, N S
1,200 bgs, Frankfurt, Bremen
INK, PRINTING—1 cs, American Express Co, American Banker, London
IRON, OXIDE—6 cks, 1 ton, 13 cwts, 1 qtr, 2 lbs, Samaria, Liverpool
MAGNESIA COMPOUND—11 cks, American Banker, London
NAPHTHALENE—931 bgs, 225,773 lbs, Frankfurt, Hamburg
OCHER—20 cks, 12,485 lbs, Reichard, Coulston, Exochorda, Marseilles
OIL, COCONUT—880 tons, Philippine Refining Corpn, Silvercedar, Cebu
COD—44 bbls, from Nova Scotia
CODLIVER—100 dms, Carleton & Hovey Co, Thode Fagelund, Bergen
100 bbls, Tailby-Nason Co, Thode Fagelund, Bergen
45 dms, Frankfurt, Hamburg
38 bbls, 17,912 lbs, Lehigh, Hamburg
FISHLIVER—20 dms, 4,030 lbs, Lehigh, Hamburg
MINERAL—50 dms, 22,086 lbs, Frankfurt, Hamburg
PALM—301 tons, Balfour, Guthrie & Co, New Texas, Abonema
349 tons, Balfour, Guthrie & Co, New Texas, Koko
369 tons, Balfour, Guthrie & Co, New Texas, Burutu
1,262 tons, Balfour, Guthrie & Co, Otho, Matadi
PALMKERNEL — 967,819 lbs, Frankfurt, Hamburg
SOD—30 bbls, 6 tons, 7 cwts, 2 cars, 14 lbs, Murphy Littlejohn Oil Co, Waukegan, Liverpool
PAPRIKA—100 bgs, 11,133 lbs, American Express Co, Frankfurt, Hamburg
PEATMOSS—950 bls, Frankfurt, Bremen
700 bls, 111,685 lbs, Peat Import Corpn, Lehigh, Hamburg
400 bls, 57,099 lbs, Atkins & Durbrow Co, Lehigh, Hamburg
400 bls, 55,999 lbs, Louis E Page, Lehigh, Hamburg
PEPPER, RED—50 bgs, 5,732 lbs, Stickney & Poor Spice Co, Frankfurt, Hamburg
PETROLEUM, SPIRIT—1 bx, E W Saybolt & Co, Lehigh, London
POTASH, CHLORATE—450 dms, 202 cks, 157,748 lbs, Bank of Manhattan, Frankfurt, Hamburg
SEAWEED—732 bls, 47,928 lbs, Frankfurt, Hamburg
1,348 bls, 86,387 lbs, Lehigh, Hamburg
SOAP—65 cs, T D Downing Co, American Banker, London
50 cs, 2,059 lbs, Conti Products Corpn, Exochorda, Leghorn
100 cs, 5,159 lbs, American Express Co, Exochorda, Marseilles
TOILET—3 cs, American Express Co, American Banker, London
SUMAC—140 bgs, E E Androvette, Maria, Palermo
TAPIOCA FLOUR—552 bgs, Silvercedar, Sourabaya
WATER, MINERAL—25 cs, S S Pierce Co, American Banker, London
WAX, CRUDE—200 bgs, 33,060 lbs, American Cyanamid & Chem Co, Frankfurt, Hamburg
MONTAN—450 bgs, 69,445 lbs, Strohmeyer & Arpe Co, Frankfurt, Hamburg

Galveston Imports

COCONUTS—15,000, Harboe Jensen, Puerto Castilla

Gloucester Imports

CODLIVER OIL CAKE—67 bbls, 24,937 lbs, from New Brunswick
OIL, COD—14 bbls, 594 gls, from Canada
17 bbls, 765 gls, from New Brunswick
134 bbls, Marden Wild Corp, Tagati, Freeport, N S

Houston Imports

BONE FLOUR—1,120 bgs, Binnendijk, Rotterdam
OIL, CITRONELLA—1 dm, Binnendijk, Rotterdam
PEATMOSS—525 bls, Binnendijk, Rotterdam

Los Angeles Imports

BABASSU KERNELS — 440,920 lbs, West Notus, Maranhao
BARYTES — 110,230 lbs, President Monroe, Genoa
CALCIUM NITRATE—1,763,700 lbs, Abraham Lincoln, Oslo
CASSIA—11,200 lbs, Taronga, Hongkong
10,790 lbs, Corneville, Padang
CINNAMON QUILLS, UNGROUND — 10,000 lbs, President Hoover, Colombo
COCONUTS—100 bgs, 16,000 lbs, San Diego, Colon
22,500 lbs, San Diego, Cristobal
COCONUT, DESIC — 147,320 lbs, President Hoover, Manila
880,000 lbs, Silverwillow, Manila
210,800 lbs, Pleasantville, Manila
COLORS, CERAMIC—100 lbs, Loch Monar, London
COPRA—280,000 lbs, Golden Horn, Cebu
560,000 lbs, Golden Horn, Legaspi
940,800 lbs, Pleasantville, Philippine Islands
MEAL—561,540 lbs, President Hoover, Manila
1,773,650 lbs, Silverwillow, Manila
672,000 lbs, Pleasantville, Manila
200,000 lbs, Taronga, Manila
2,000 bgs, 207,520 lbs, Silverwillow, Cebu
4,480 bgs, 448,000 lbs, Silverwillow, Manila
300,000 lbs, Golden Horn, Manila
FISH LIVERS—21,950 lbs, President Hoover, Yokohama
GLASS, ROLLED—500 lbs, Oakland, Fauques, Belgium
WINDOW—50 lbs, President Hayes, Florence
GUM, ARABIC—2,180 lbs, from Hamburg
COPAL—11,660 lbs, Silverwillow, Macassar
DAMMAR—11,200 lbs, Silverwillow, Singapore
TRAGACANTH—5,450 lbs, from Hamburg
MARMITE EXTRACT—1,680 lbs, from London
MEDICINAL PREPS — 150 lbs, President Hoover, Yokohama
310 lbs, Oakland, Hamburg
MOWRAH KERNELS—208,000 lbs, Silverwillow, Amritsar
MURU MURU KERNELS—101,280 lbs, Brandanger, Para
OIL, CHINAWOOD—84,000 lbs, President Hoover, Hongkong
30,000 lbs, Pleasantvile, China
50,000 lbs, Pleasantville, Hongkong
OLIVE—22,050 lbs, President Monroe, Marseilles
PALM—1,133,000 lbs, Pleasantville, Medan
PEANUT—2,880 lbs, Pleasantville, Hongkong
YLANG YLANG—130 lbs, San Diego, Paris
250 lbs, President Monroe, Paris
PEATMOSS — 400,920 lbs, Abraham Lincoln, Malmo
PERFUMERY—10 lbs, from Paris
RICE FLOUR—90 lbs, President Hoover, Yokohama
SALTPETER—797,440 lbs, Takaoka, Tocopilla
SESAME SEED—10,560 lbs, President Hoover, Amritsar
SOAP, TOILET—70 lbs, President Hoover, Yokohama
SODA, NITRATE—1,435,840 lbs, Takaoka, Tocopilla
TAPIOCA, FLOUR—139,960 lbs, Silverwillow, Batavia
1,580 lbs, Pleasantville, Hongkong
MEAL—324,960 lbs, Pleasantville, Sourabaya
TOILET PREPS—40 lbs, President Hoover, Yokohama
60 lbs, from London
WATER, MINERAL—3,380 lbs, from London
2,010 lbs, President Monroe, Marseilles
WAX, MINERAL—720 lbs, from London

New Orleans Imports

ACID, CRESYLIC—80 dms, D L Carter, West Harshaw, Manchester
120 dms, W Cooper & Nephew, Inc, West Harshaw, Manchester
STEARIC—267 sks, West Harshaw, Liverpool
BAUXITE ORE—3,000 tons, Republic Mining & Mfg Co, Spero, Paramaribo
1,939 tons, Republic Mining & Mfg Co, Spero, Port of Spain
2,495 tons, Republic Mining & Mfg Co, Vestvangen, Paramaribo
480 tons, Republic Mining & Mfg Co, Vestvangen, Port of Spain
CHEMICALS—150 casks, Advance Solvents & Chemical Co, Breedyk, Rotterdam
CLAY—330 sks, Breedyk, Antwerp
COCONUTS—150 sks, Whitney Bank, Cefalu, Cristobal
200 sks, Standard Fruit & S S Co, Cefalu, Ceiba
100 sks, L Hayward, Smaragd, Belize
160 sks, F Beyer, Smaragd, Belize
100 sks, J Meyer, Smaragd, Belize
450 sks, Fruit Dispatch Co, Sixaola, Puerto Cortez
480 sks, Vestvangen, Kingston
CREOSOTE—6,973 tons, Adria, Salzaete
GLASS, WINDOW—630 cs, Breedyk, Antwerp
GUM, CHICLE—26 bls, Chicle Development Co, Smaragd, Belize
IRON OXIDE—35 csks, J A McNaulty, West Harshaw, Manchester
MAGNESIA CHLORIDE—10 dms, West Harshaw, Liverpool
OIL, CHINAWOOD—1,126 tons, Asuka, Hankow
CODLIVER—500 dms, Breedyk, Rotterdam
LUBRICATING—60 dms, Breedyk, Antwerp
PALMKERNEL—492,036 kilos, Breedyk, Rotterdam
VEGETABLE—70 dms, W R Grace & Co, Asuka, Kobe
PEATMOSS—3,641 bls, Premier Peat Moss Corp, Breedyk, Rotterdam
POTASH, CHLORATE—224 dms, Breedyk, Antwerp
PYRETHRUM FLOWERS—250 bls, Lusk Shipping Co, Norden, Kobe
SAND FURNESS—400 sks, Breedyk, Rotterdam

Norfolk Imports

CHROME ORE—2,500 tons, E J Lavino & Co, Philadelphia, Hesperia Beira, P E A
KIESERITE—3,560 bgs, 239 tons, City of Newport News, Hamburg
LEATHER WASTE—1,175 bgs, Manchester Division, Manchester
PEATMOSS—300 bls, 17 tons, City of Newport News, Hamburg
SODA SULPHATE—115 cks, 23 tons, City of Newport News, Hamburg
230 bgs, 21 tons, City of Newport News, Hamburg
TALC—875 bgs, 85 tons, L A Salomon & Bros, Schodack, Havre

Philadelphia Imports

ACID, CORN OIL—66 bbls, National Milling & Chemical Co, Black Eagle, Antwerp
37,230 kilos, Black Eagle, Antwerp
57 bbls, George A Street, Black Eagle, Rotterdam
182,155 kilos, Black Eagle, Rotterdam
COTTONSEED OIL—80 bbls, City of Flint, Hull
CRESYLIC—218 dms, John H Faunce, Inc, Waukegan, Liverpool
NAPHTHENIC—26 dms, A E Starke, Exhibitor, Constanza
SOYBEAN OIL—100 bbls, Black Eagle, Rotterdam
ASBESTOS FIBER—32,440 bgs, Keasby Mattison & Co, Exhibitor, Limassol
BAUXITE—1,600 tons, Ingrid, Georgetown
BOG ORE—1,054,132 kilos, City of Flint, Hamburg
BONES, GRANULATED—8,353 bgs, Nienburg, Buenos Aires
GRIST — 10,590 bgs, National City Bank, Nienburg, Rosario
GROUND GLUE—400 bgs, Ida, Trieste
TANK, LOOSE—1,054,614 kilos, Nienburg, Montevideo
CANARY SEED—1,300 bgs, Extavia, Rodosto
CHEMICALS—10 cks, Cypria, Marseilles
21 cks, American Cyanamid & Chemical Co, Black Eagle, Antwerp
500 bgs, Black Eagle, Antwerp
CHROME ORE—4,744.90 tons, Cuban Industrial Ore Co, Domino, Nuevitas
CLAY, BOND — 75,000 kilos, City of Flint, Hamburg
COALTAR DISTILLATE—50 dms, Monsanto Chemical Co, Waukegan, Liverpool
COCOA BEANS—1,101 bgs, G L Gaisey, City of Flint, Hamburg
30,000 bgs, Liguria, Ilheos
2,000 bgs, Bankers Trust Co, Liguria, Ilheos
10,000 bgs, Liguria, Bahia
2,000 bgs, National City Bank, Pollux, Ilheos
3,000 bgs, Nieschlag & Co, Pollux, Ilheos
FIBER—3,874 bls, First National Bank, City of Canton, Colombo
COCONUTS—180 bgs, Ed Freeman, Barbara, Mayaguez
100 bgs, J Simon & Co, Barbara, Mayaguez
15 bgs, Franklin Baker Co, Barbara, San Juan
40 bgs, Simon & French, Barbara, San Juan
107 bgs, Starr Produce Co, Barbara, San Juan
CORK—9,803 bls, Penna Trading Co, Ada O, Tabarka
4,674 bls, Armstrong Cork Co, Ada O, Djidjelli
FLOATS—12 bls, Armstrong Cork Co, Cypria, Seville
REFUSE—4,150 bls, Armstrong Cork Co, Cypria, Seville
VIRGIN—511 bls, Cypria, Lisbon
WASTE—1,882 bbls, Wicander & Co, Inc, Cypria, Lisbon
1,441 bls, Cypria, Lisbon
CRYOLITE—4,000 bgs, City of Flint, Hamburg
3,000 tons, Penna Salt Mfg Co, Einvik, Ivigtut
FILTERING MATERIAL—40 bls, Max Josef, Black Eagle, Rotterdam
FIRECLAY—450,000 kilos, City of Flint, Hamburg
GARNET LAC—600 bgs, Bank of Manhattan, City of Canton, Calcutta
GASOLINE—4 cs, samples, Atlantic Refining Co, Cypria, Lisbon
GLYCERIN—40 dms, Cypria, Marseilles
20 dms, City of Flint, Hull
50 csks, City of Flint, Hamburg
GLUESTOCK—5 bls, Nienburg, Buenos Aires
GYPSUM, CRUDE—6,350 tons, U S Gypsum Co, Gypsum Prince, Windsor
HEATING LIQUID—3 dms, E F Houghton & Co, Waukegan, Liverpool
HONEY—16 bbls, J Stromeyer, Barbara, San Juan
LICORICE ROOT—1,548.21 tons, McAndrews & Forbes Co, Vancouver City, Pot
LOGWOOD—1,400 tons, American Dyewood Co, Marine Trader, Haiti
MAGNESITE—1 bg, Ida, Dubrovnik
MANURE, CHEMICAL—100 bgs, H A Dreer, City of Flint, London
MOLASSES—319,570 gls, North American Trading & Import Co, Dixiano, Guayanilla
861,143 gls, North American Trading & Import Co, Dixiano, San Juan
1,336,964 gls, Cuba Distilling Co, Cassimir, Nuevitas
MYROBALANS — 3,200 pkts, Guaranty Trust Co, Maidan, Calcutta
800 pkts, Maidan, Calcutta
20,900 pkts, Guaranty Trust Co, City of Canton, Calcutta
20,016 pkts, City of Canton, Calcutta
NAPHTHALENE—460 bgs, John H Faunce, Waukegan, Liverpool
OCHER—150 bgs, Cypria, Marseilles
OIL, CODLIVER—278 dms, City of Flint, Hamburg
25 dms, Loos & Dilworth, Thode Fagelund, Aalesund
223 dms, Silmo Chemical Co, Thode Fagelund, Bergen
25 dms, J A McCarthy, Thode Fagelund, Bergen
50 dms, Seaboard Supply Co, Thode Fagelund, Bergen
LUBRICATING—1 cs, Samples, Sun Oil Co, City of Flint, London
OLIVE—15 cs, Extavia, Beyrouth
OSSEIN—782 bgs, Black Eagle, Antwerp
PEATMOSS—800 bls, City of Flint, Hamburg
PETROLEUM—83,086 bbls, Gulf Oil Corp, Nore, Las Piedras
110,229 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
POLISH, LIQUID METAL—40 cs, R T French Co, City of Flint, Hull
POPPYSEED—100 bgs, Quaker City Coffee Co, Black Eagle, Rotterdam
QUEBRACHO EXTRACT—1,000 bgs, International Products Co, West Calumb, Buenos Aires
RICE FLOUR—500 bgs, Black Eagle, Rotterdam
500 pkts, Halfmoon Mfg & Trading Co, Black Eagle, Rotterdam
RUTILE ORE—400 bgs, West Calumb, Santos
SAGE, LEAVES—203 bls, Ida, Dubrovnik
SOAP LYE, CRUDE—55 dms, Philadelphia National Bank, West Calumb, Buenos Aires
36 dms, Philadelphia National Bank, Nienburg, Buenos Aires
TANKAGE—877 bgs, Swift & Co, West Calumb, Buenos Aires
907 bgs, West Calumb, Santos
2,032 bgs, Chase National Bank, Nienburg, Montevideo
TAPIOCA FLOUR—2,257 bgs, Guaranty Trust Co, Raby Castle, Batavia
250 bgs, Chase National Bank, Raby Castle, Batavia
250 bgs, Chase National Bank, Raby Castle, Cheribon
1,394 bgs, Guaranty Trust Co, Raby Castle, Cheribon
500 bgs, Blitar, Tandjong Priok
459 bgs, National City Bank, Blitar, Sourabaya
500 bgs, Chase National Bank, Blitar, Cheribon
508 bgs, Blitar, Tegal
WHEAT STARCH POWDER—35 bls, O Eisman, Black Eagle, Rotterdam
WOODFLOUR—750 bgs, B L Soberski, Thode Fagelund, Greaker

Portland, Ore., Imports

FERROMANGANESE—150 tons, Electro Metallurgical Co, Benjamin Franklin, Oslo
GLASS, WINDOW—362 cs, United States National Bank, Benjamin Franklin, Antwerp
OIL, CODLIVER, POULTRY—20 dms, Imperial Grain & Feed Mills Co, Benjamin Franklin, Oslo
OSSEIN—1,255 sks, Baring Bros & Co Benjamin Franklin, Antwerp

San Francisco Imports

ALCOHOL—50 dms, S L Jones & Co, Tosari, Manila
ETHYL—100 dms, Maliko, Honolulu
ARGOLS—177 sks, Bank of California, President Hayes, Marseilles
BABASSU KERNELS—300 sks, Bank of California, Brandanger, Para
833 sks, Bank of California, West Notus, Maranhao
BONES—21 sks, Monterey, Sydney
GRANULATED — 3,917 sks, Brandanger, Buenos Aires
Quantity in bulk, and 3,862 sks, West Notus, Buenos Aires
2,032 sks, West Notus, Santos
CALCIUM TARTRATE—2,210 bgs, American Cream Tartar Co, West Notus, Buenos Aires
CASEIN, GRD—417 sks, National City Bank of N Y, Brandanger, Buenos Aires
CHEMICALS—4 cs, Loch Monar, Rotterdam
CLAY—5 sks, George Aiken, Monterey, Sydney
COCOA BEANS—897 sks, American Trust Co, Brandanger, Para
500 sks, Balfour, Guthrie & Co, West Notus, Bahia
1,100 sks, H A Phillips & Co, West Notus, Bahia
1,000 sks, American Trust Co, West Notus, Para
COCONUT, DESIC—50 cs, J E Lowden, Tosari, Manila
2,508 cs, Durkee Famous Foods, Tosari, Manila
COLORS, ARTIST'S OIL — 1 cs, Loch Monar, London
COPRA—940 sks, Attorney General, Monterey, Pago Pago
1,710 tons, El Dorado Oil Works, Golden Horn, Cebu (for Oakland)
525 tons, Wilbur-Ellis Co, Golden Horn, Cebu (for Oakland)
1,200 tons, El Dorado Oil Works, Golden Horn, Legaspi (for Oakland)
275 tons, El Dorado Oil Works, Golden Horn, Mauban (for Oakland)
342 tons, Golden Horn, Mauban (for Oakland)
325 tons, El Dorado Oil Works, Golden Horn, Port Real (for Oakland)
1,030 sks, Du Val Moore-American Trading Co, Tosari, Ternak
935 sks, Du Val Moore-American Trading Co, Tosari, Halmaheira
218 sks, Du Val Moore-American Trading Co, Tosari, Djailolo
108 sks, Du Val Moore-American Trading Co, Tosari, Ngofakiaka
540 sks, Du Val Moore-American Trading Co, Tosari, Sahoe
288 sks, Du Val Moore-American Trading Co, Tosari, Koesoe
MEAL—3,000 sks, Tosari, Manila
CORK FLOATS—93 bls, Loch Monar, London
CORKWASTE—1,769 sks, Mundet Cork Corpn, Loch Monar, Rotterdam
DEXTRIN, POTATO—50 sks, Loch Monar, Rotterdam
FERTILIZER—300 sks, Sun Trading Co, Shunten, Kobe

FISH MEAL—50 cs, Nippon Co, Shunten, Nagoya
GLUE, GELATIN POWD—10 kgs, 25 bbls, 7 dms, Chas M Lee Co, Loch Monar, Rotterdam
GUM COPAL—5 sks, Loch Monar, London
150 bskts, Chase National Bank, Tosari, Macassar (for Oakland)
138 bskts, Tosari, Macassar
DAMMAR—100 cs, H M Newhall & Co, Tosari, Batavia
KAURI—183 sks, H M Newhall & Co, Monterey, Suva
244 sks, Monterey, Suva
JARY MEDIUM NUTS—33,000 lbs, West Notus, Angra dos Rios
MOLASSES—508 tons, Makele, Hilo
1,020 tons, Maliko, Honolulu
1,000 tons, Maunawili, Honolulu
800 tons, Kailua, Honolulu
508 tons, Makua, Hilo
MURU MURU KERNELS—766 sks, Brandanger, Para
1,750 sks, Bank of California, Brandanger, Para
NUTMEGS—53 sks, S L Jones & Co, Tosari, Banda
OIL, CITRONELLA—8 dms, Fred Catz & Co, Tosari, Batavia (for Oakland)
COCONUT, CRUDE—310 tons, Philippine Refining Corpn of N Y, Tosari, Cebu
EUCALYPTUS—40 cs, Monterey, Melbourne
10 cs, Monterey, Sydney
FISH, HARD—300 sks, Durkee Famous Foods, Shunten, Kobe
OLIVE—50 dms, Schroeder Bros, President Hayes, Genoa
106 dms, A Giurlani Bros, President Hayes, Genoa
50 dms, President Hayes, Marseilles
OITICICA—150 dms, Brandanger, Para
PERILLA, CRUDE—100 dms, Pacific Vegetable Oil Corpn, Shunten, Yokohama
RAPESEED, REFD—200 dms, Werner G Smith Co, Shunten, Kobe
PEPPER, BLACK—240 sks, Chas T Wilson & Co, President Hayes, Bombay
POLISH, BOOT—1 cs, B M Beton & Co, Loch Monar, London
QUEBRACHO EXTRACT—373 sks, Tannin Corpn, West Notus, Buenos Aires
SARDINE MEAL—2,000 sks, Taylor Milling Corpn, Shunten, Kobe
STEARIN, COTTONSEED OIL — 53 dms, American Trust Co, West Notus, Santos
SULPHUR WICKS—50 cs, President Hayes, Marseilles
TALLOW—150 dms, Anglo-California National Bank, Monterey, Melbourne
26 bbls, Tupman-Thurlow Co, Monterey, Sydney
11 dms, Monterey, Sydney
TAPIOCA FLOUR—580 sks, Rutger Bleecker & Co, Tosari, Batavia
500 sks, Tosari, Tegal
224 sks, American Trust Co, Tosari, Sourabaya
PEARL—70 sks, American Trust Co, Tosari, Sourabaya
TOILET PREPS—2 cs, Mutual Supply Co, Shunten, Kobe
TOCATINE KERNELS — 10,000 lbs, West Notus, Angra dos Rios
TUCUM KERNELS—959 sks, Bank of California, Brandanger, Para
500 sks, Bank of California, West Notus, Para
TURPENTINE, MINERAL — 1 cs, General Motors Export Corp, Monterey, Melbourne
WAX, VEGETABLE—50 cs, Shunten, Kobe

Savannah Imports

ASBESTOS—25,555 bgs, Turksib, Lenegrad
POTASH MURIATE—2,283,000 kilos, Turksib, Lenegrad

Seattle Imports

CHALK—1,200 sks, Benjamin Franklin, Antwerp
PAINT, COPPER—10 cs, Reidar Gjolme, Benjamin Franklin, Oslo
PETROLEUM, REFD—35 dms, Europa, Copenhagen
SODA NITRATE—1,984 sks, Chilean Nitrate Sales Corpn, Condor, Tocopilla
SPIEGELEISEN—50 tons, Electro Metallurgical Co, Benjamin Franklin, Oslo
WHITING—930 sks, Europa, Copenhagen

Tacoma Imports

SODA NITRATE—500 sks, Chilean Nitrate Sales Corpn, Condor, Tocopilla

Exports From U.S. Ports

New York Exports

Clearance Dates

Almena, September 15; American Legion, September 10; American Shipper, September 10; American Trader, September 10; American Traveler, September 15; Atlantida, September 10; Baghdad, September 11; Berlin, September 17; Black Osprey, September 15; Bonheur, September 10; Brittanic, September 17; Buenaventura, September 14; Calamares, September 11; Caledonia, September 19; Caracas, September 15; Cauto, September 10; City of Batavia, September 10; City of Dalhart, September 11; City of Sydney, September 2; Cliffwood, September 13; Cold Harbor, September 10; Cristobal, September 8; Emile Francqui, September 10; Europa, September 11; Excello, September 16; Exchange, September 16; Exeter, September 16; Fort Townshend, September 10; Frida, September 13; Hamburg, September 15; Hammaren, September 17; Hanseat, September 20; Helen Whittier, September 11; Lensovet, August 26; Limon, September 15; Michigan, September 24; Montreal City, September 17; Musa, September 17; Oriente, September 10; Pastores, September 9; Pennland, September 3; Platano, September 10; Ponce, September 11; Quirigua, September 9; Scanmail, September 17; Thalia, September 20; Vingaren, August 30; Vulcania, September 17; Zarembo, September 8

ACETONE—7,780 lbs, Cliffwood, Montevideo; 28,566 lbs, Scanmail, Norrkoeping; 5,175 lbs, Black Osprey, Antwerp
ACID, BUTYRIC—533 lbs, City of Dalhart, Melbourne
CITRIC—254 lbs, Limon, Santiago
FORMIC—9,880 lbs Zarembo, Cape Palmas
MURIATIC—(Platano) 13,875 lbs, Porto Barrios; 18,500 lbs, Tela; (Musa) 18,500 lbs, Porto Cortes; 824 lbs, Porto Barrios
METRIC—4,283 lbs, Pastores, Porto Columbia
OXALIC CRYST—326 lbs, Calamares, Porto Columbia; 2,467 lbs. Frida, Buenaventura
SULPHURIC—15,180 lbs, City of Batavia, East London; 925 lbs, Calamares, Porto Columbia; 40,447 lbs, Frida, Callao
ANTIMONY, SULPHIDE—2,371 lbs, Frida, Buenaventura
ASPHALT — (City of Batavia) 390,800 lbs, Capetown; 189,217 lbs, Port Natal; 44,885 lbs, City of Sydney, Bombay; 4,591 lbs, Cliffwood, Santos; (Exchange) 225,174 lbs, Piraeus; 222,910 lbs, Salonica; 3,322 lbs, Caledonia, Glasgow; 12,657 lbs, Scanmail, Helsingfors
LIQUID—5,006 lbs, City of Batavia, Port Natal
SOLID—52,789 lbs, American Shipper, Liverpool
BELLADONNA—4,438 lbs, Emile Francqui, Antwerp
BENZENE—1,500 gls, City of Batavia, Lourenco Marques
BISMUTH OXYIODIDE — 230 lbs, American Trader, London
BLACK, BONE—6,165 lbs, Baghdad, London; 11,385 lbs, City of Dalhart, Melbourne
BLOOD, DRIED—44,200 lbs, Europa, Bremen
BLUE, ULTRAMARINE—972 lbs, Limon, Port Limon; (Frida) 1,086 lbs, Buenaventura; 59,937 lbs, San Antonio
BUTYL ACETATE—(Scanmail) 1,323 lbs, Gothenburg; 3,969 lbs, Oslo
CALCIUM CHLORIDE—15,600 lbs, Quirigua, Havana
GLUCONATE—1,338 lbs, American Traveler, Havre; 1,748 lbs, Vulcania, Trieste
CASEIN—2,039 lbs, American Traveler, Havre
CHEMICALS—880 lbs, American Shipper, Liverpool; 11,620 lbs, Cliffwood, Buenos Aires; 1,618 lbs, Scanmail, Gothenburg; 2,789 lbs. Emile Francqui, Antwerp
CHLORINE—12,385 lbs, Buenaventura, Porto Colombia
CLAY—22,400 lbs, Hamburg, Helsingfors
CLEANER — 10,808 lbs, American Traveler, Havre
COALTAR INTERMEDIATES—3,780 lbs, Black Osprey, Rotterdam
COCOA BUTTER — (City of Dalhart) 23,199 lbs, Sydney; 6,954 lbs, Melbourne; 1,140 lbs, Exchange, Istanbul
COLOR, DRY—1,125 lbs, Calamares, Cartagena; 1,152 lbs, Quirigua, Havana; 1,192 lbs, American Trader, London
COPPERAS—6,406 lbs, Pastores, Cartagena
CORN FLOUR—3,976 lbs, Limon, Port Limon; 3,990 lbs, Frida, Guayaquil
SYRUP—(Platano) 761 lbs, Porto Barrios; 3,050 lbs, Porto Barrios; 2,254 lbs, Calamares, Porto Colombia; 16,270 lbs, Helen Whittier, Honolulu; 763 lbs, Musa, Porto
CORN SYRUP (Continued):—
Barrios; (Frida) 3,005 lbs, Buenaventura; 7,883 lbs, Guayaquil
CREAM TARTAR—2,274 lbs, Frida, Buenaventura
DISINFECTANT—2,600 lbs, Ponce, San Juan
DRUGS—1,104 lbs, American Traveler, Hamburg; 7,072 lbs, American Trader, London
DYES—(City of Sydney) 5,684 lbs, Alexandria; 9,246 lbs, Bombay; 34,175 lbs, Pennland, Antwerp; (Black Osprey) 24,542 lbs, Antwerp; 4,226 lbs, Rotterdam; 1,933 lbs, American Traveler, Hamburg; 4,866 lbs, Exeter, Alexandria; (Scanmail) 1,206 lbs, Bergen; 8,163 lbs, Gothenburg; 6,649 lbs, Emile Francqui, Antwerp
ANILIN—5,460 lbs, Berlin, Klaipeda
ETHYL ACETATE—16,470 lbs, City of Dalhart, Sydney
CHLORIDE—22,686 lbs, Buenaventura, Callao
FERTILIZER—(Helen Whittier) 812,800 lbs, Honolulu; 508,000 lbs, Hilo; 304,800 lbs, Kahului; 4,064 lbs, Limon, Buenaventura
FORMALDEHYDE—1,051 lbs, Helen Whittier, Honolulu
GASOLINE—39,990 gls, Zarembo, Accra
GLASS, WINDOW — 6,499 lbs, Quirigua, Havana; 2,113 lbs, Calamares, Panama
GLUCOSE, SOLID—6,586 lbs, City of Dalhart, Melbourne
GLUE, VEGETABLE—2,020 lbs, Calamares, Porto Colombia; 1,212 lbs, Pennland, Antwerp
GREASE, LUBRICATING—(City of Batavia) 4,506 lbs, Capetown; 9,784 lbs, Port Elizabeth; 18,185 lbs, East London; 81,080 lbs, Port Natal; 37,990 lbs, Lourenco Marques; 5,072 lbs, Beira; (American Shipper) 18,193 lbs, Liverpool; 4,559 lbs, Manchester; 112,885 lbs, Baghdad, London; (Zarembo) 794 lbs, Duala; 4,564 lbs, Libreville; 6,098 lbs, Port Gentil; 231 lbs, Point Noire; 27,875 lbs, Matadi; 2,279 lbs, Bonheur, Bahia; 1,206 lbs, Santa Lucia, Valparaiso; 167,383 lbs, Cold Harbor, Manchester; (City of Sydney) 39,680 lbs, Bombay; 3,015 lbs, Colombo; 18,572 lbs, Rangoon; 2,820 lbs, Calcutta; 12,712 lbs, Quirigua, Havana; (City of Dalhart) 8,680 lbs, Brisbane; 8,460 lbs, Adelaide; 3,258 lbs, Limon, Port Limon; (Frida) 6,454 lbs, Buenaventura, 5,148 lbs, Callao; 24,718 lbs, Valparaiso; (Cliffwood) 1,485 lbs, Santos; 1,959 lbs, Montevideo; (Pennland) 4,280 lbs, Rotterdam; 2,434 lbs, Antwerp; 1,473 lbs, Freres; 1,442 lbs, Black Osprey, Antwerp; (Malaren) 7,482 lbs, Gothenburg; 1,836 lbs, Norrkoeping; 11,549 lbs, Stockholm; 9,647 lbs, Hammaren, Stockholm; 18,896 lbs, Exchange, Istanbul; 5,576 lbs, Caledonia, Glasgow; (Exeter) 14,342 lbs, Marseilles; 39,685 lbs, Algiers; 1,326 lbs, Tunis; 2,976 lbs, Britannic, London; (Hamburg) 82,840 lbs, Hamburg; 2,694 lbs, Vienna; 31,104 lbs, American Trader, London
INSECTICIDE, AGRIC—2,240 lbs, City of Dalhart, Melbourne
DRY—1,738 lbs, American Legion, Montevideo
ISOPROPYL ACETATE—2,592 lbs, Scanmail, Oslo
KEROSENE—2,000 gls, Zarembo, Point Noire
LACQUER — 17,186 lbs, American Legion, Buenos Aires; 6,072 lbs, Frida, Valparaiso; 1,130 lbs, Cliffwood, Montevideo; 2,540 lbs. Hammaren, Helsingborg; 2,106 lbs, Scanmail, Helsingfors; 4,225 lbs, Emile Francqui, Antwerp
LARD—(Montreal City) 22,750 lbs, Bristol; 13,000 lbs, Cardiff; 226,763 lbs, Cold Harbor, Manchester; 10,500 lbs, Quirigua, Havana; (Ponce) 23,763 lbs, Humacao; 4,000 lbs, Ponce; 20,000 lbs, Mayaguez; 18,585 lbs, Emile Francqui, Antwerp; 28,125 lbs, Britannic, London
LINSEED CAKE—453,978 lbs, Pennland, Antwerp; 4,473,107 lbs, Black Osprey, Antwerp; 676,914 lbs, Antwerp-Rotterdam; 1,240,613 lbs, Rotterdam; 456,301 lbs, American Traveler, Havre; 3,888,721 lbs, Emile Francqui, Antwerp
MOLYBDENUM CONCE—998,283 lbs, Lensovet, Leningrad
NAPHTHA—(City of Batavia) 12,650 gls, Port Elizabeth; 8,750 gls, Capetown; (Zarembo) 80,275 gls, Dakar; 37,000 gls, Port Bouet; 80,500 gls, Winnebah; 75,000 gls, Accra; 10,000 gls, Libreville; 12,000 gls, Port Gentil; 8,250 gls, Brazzaville; 1,500 gls, Point Noire; 60,500 gls, Matadi
OIL, BATCHING—750 tons, City of Sydney, Calcutta
CASTOR—600 lbs, Ponce, San Juan; 503 lbs, Malaren, Helsingborg
CASTOR, SULPHONATED—27,717 lbs, Black Osprey, Rotterdam
COCONUT—4,875 lbs, Quirigua, Havana; 25,244 lbs, Cliffwood, Buenos Aires
OIL, CORN—1,466 lbs, Helen Whittier, Honolulu; (Ponce) 2,745 lbs, San Juan; 945 lbs, Humacao
CREOSOTE—784 lbs, Calamares, Cartagena
CYLINDER—616 tons, Thalia, Rio Janeiro; (Hanseat) 44,776 gls, Rotterdam-Hamburg; 87,510 gls, Hamburg
EDIBLE—1,050 lbs, Musa, Porto Barrios; (Frida) 10,872 lbs, Buenaventura; 5,255 lbs, Guayaquil
ESSENTIAL—2,452 lbs, Quirigua, Havana; 3,236 lbs, Britannic, London
FLOTATION—1,705 gls, City of Dalhart, Adelaide
GAS—(Zarembo) 19,250 gls, Libreville; 5,500 gls, Port Gentil
LUBRICATING — (City of Batavia) 525 gls, Capetown; 3,125 gls, Port Elizabeth; 27,710 gls, Port Natal; 13,475 gls, Lourenco Marques; 4,100 gls, Beira; (American Shipper) 16,100 gls, Manchester; 4,400 gls, Belfast; (Zarembo) 5,260 gls, Dakar; 330 gls, Freetown; 7,400 gls, Port Bouet; 12,410 gls, Takoradi; 4,235 gls, Apapa; 2,650 gls, Duala; 1,025 gls, Libreville; 7,390 gls, Port Gentil; 7,650 gls, Point Noire; 275 gls, Boma; 25,450 gls, Matadi; 24,630 gls, American Legion, Montevideo; 2,100 gls, Montreal City, Bristol; 9,325 gls, Cold Harbor, Manchester; (City of Sydney) 310 gls, Alexandria; 11,000 gls, Lahore; 33,590 gls, Karachi; 21,085 gls, Bombay; 26,550 gls, Madras; 61,060 gls, Rangoon; 28,375 gls, Calcutta; 7,700 gls, Fort Townshend, St Johns; 2,645 gls, Platano, Porto Barrios; 8,250 gls, Atlantida, Santiago; (Santa Lucia) 5,060 gls, San Antonio; 26,450 gls, Valparaiso; 3,300 gls, Callao; (City of Dalhart) 39,105 gls, Brisbane; 86,350 gls, Sydney; 58,465 gls, Melbourne; 7,700 gls, Adelaide; 1,650 gls, Almena, Ciudad; 1,655 gls, Musa, Porto Barrios; (Frida) 3,025 gls, Buenaventura; 4,360 gls, Coquimbo; 4,830 gls, Valparaiso; 1,600 gls, Corral; 8,690 gls, San Antonio; 850 gls, Ponce, San Juan; (Cliffwood) 950 gls, Rio de Janeiro; 34,100 gls, Montevideo; (Pennland) 16,674 gls, Antwerp; 1,760 gls, Zurich; 420 gls, Freres; (Black Osprey) 1,302 gls, Antwerp; 3,070 gls, Rotterdam; (American Traveler) 1,250 gls, Bordeaux; 12,800 gls, Havre; 546 gls, Praha; (Vingaren) 5,500 gls, Gothenburg; 5,500 gls, Helsingfors; 2,750 gls, Stockholm; (Malaren) 4,125 gls, Gothenburg; 1,540 gls, Malmo; 16,820 gls, Stockholm; 1,260 gls, Tallinn; (Hammaren) 1,795 gls, Gothenburg; 1,760 gls, Malmo; 4,290 gls, Vulcania, Lisbon; (Buenaventura) 870 gls, La Union; 3,750 gls, Panama; 3,675 gls, Cristobal; (Caracas) 8,350 gls, La Guaira; 10,372 gls, Porto Cabello; 6,120 gls, Maracaibo; (Hanseat) 301,140 gls, Antwerp; 621,348 gls, Rotterdam-Hamburg; (Exchange) 3,650 gls, Casablanca; 8,030 gls, Piraeus; 1,470 gls, Caledonia, Glasgow; (Exeter) 6,440 gls, Marseilles; 1,100 gls, Algiers; 1,375 gls, Bone; 550 gls, Oran; 1,320 gls, Sfax; 9,515 gls, Alexandria; 20,900 gls, Britannic, London; (Hamburg) 43,894 gls, Hamburg; 2,100 gls, Vienna; 825 gls, Riga; 5,390 gls, Emile Francqui; 12,287 gls, American Trader, London
MOTOR—(Hanseat) 14,028 gls, Rotterdam and Hamburg; 33,726 gls, Rotterdam
OLEO—11,789 lbs, American Shipper, Liverpool; 46,987 lbs, Cold Harbor, Dublin; 23,724 lbs, Hammaren, Stockholm; 4,711 lbs, American Trader, London
PALE—430 tons, Thalia, Rio Janeiro; (Hanseat) 148,344 gls, Rotterdam; 60,900 gls, Rotterdam and Hamburg; 74,718 gls, Hamburg
PEPPERMINT—675 lbs, American Shipper, Liverpool; 320 lbs, Malaren, Stockholm; 1,077 lbs. Hamburg, Hamburg
PINE—47,664 lbs, Quirigua, Havana
VALVE—9,026 gls, Cauto, Tampico
WORMSEED—1,435 lbs, Hamburg, Hamburg; 459 lbs, American Trader, London
PAINT—2,194 lbs, Platano, Porto Barrios; 4,573 lbs, Calamares, Kingston; 8,291 lbs, Helen Whittier, Honolulu; 5,847 lbs, Almena, San Pedro; 6,641 lbs, Frida, Callao; 5,071 lbs, Cliffwood, Santos; 1,100 lbs, Berlin, Helsingfors; 10,766 lbs, Pennland, Antwerp; 4,186 lbs, Black Osprey, Antwerp; 2,240 lbs. Malaren, Motala; 12,933 lbs, Hammaren, Stockholm; 5,553 lbs, Scanmail, Copenhagen
PREPARED—4,736 lbs, Bonheur, Bahia; 5,746 lbs, Limon, Bocas Toro; 3,328 lbs, Limon, Port Limon
THINNER—(City of Batavia) 2,075 gls, Capetown; 1,000 gls, Port Elizabeth; 25,250 gls, Lourenco Marques; 200 gls, Bonheur, Maranhao; 550 gls, Calamares, Kingston
PALM KERNEL—226,240 lbs, Emile Francqui, Antwerp
PARAFFIN—137,345 lbs, American Shipper, Liverpool; (Cold Harbor) 94,818 lbs, Manchester; 34,030 lbs, Dublin; 20,201 lbs, Platano, Retalhen; (Quirigua) 3,019 lbs, Cienfugos; 10,101 lbs, Havana; (Calamares) 45,200 lbs, Porto Colombia; 33,968 lbs, Pimentel; (Santa Lucia) 45,206 lbs, Pacasmayo; 45,218 lbs, Guayaquil; 226,117 lbs, Arica; 10,080 lbs, Almena, Ciudad; 21,704 lbs, Vinaren, Helsingfors; (Malaren) 22,427 lbs, Norrkoping; 22,539 lbs, Helsingfors; (Vulcania) 33,736 lbs, Trieste; 11,100 lbs, Fiume; 22,224 lbs, Buenaventura, Amapala; 51,870 lbs, Caracas, Maracaibo; (Scanmail) 22,224 lbs, Gothenburg; 189,077 lbs, Copenhagen
SCALE—120,865 lbs, American Shipper, Manchester; 98,186 lbs, Montreal City, Bristol; 33,665 lbs, City of Sydney, Bombay
PETROLATUM, MEDICINAL — 96,104 lbs, Hamburg, Hamburg; 174,222 lbs, Britannic, London
PETROLEUM, REF'D—3,360 gls, City of Batavia, Port Natal; (Zarembo) 35,000 gls, Dakar; 10,820 gls, Freetown; 13,000 gls, Port Bouet; 15,500 gls, Winnebah; 25,000 gls, Accra; 4,000 gls, Libreville; 5,500 gls, Port Gentil; 2,500 gls, Point Noire; 500 gls, Boma; 2,500 gls, Matadi; 10,000 gls, Almena, La Romana; (Ponce) 20,000 gls, San Juan; 6,000 gls, Mayaguez
PHENOL — 10,357 lbs, American Traveler, Hamburg
POTASH, BICHROMATE—5,880 lbs, City of Sydney, Alexandria
CAUSTIC—2,140 lbs, Helen Whittier, Honolulu
CHLORATE—7,680 lbs, Calamares, Porto Colombia; 10,800 lbs, Pastores, Cartagena; 2,554 lbs, Frida, Buenaventura; 1,200 lbs, Buenaventura, Porto Colombia
MURIATE—595 tons, Michigan, Port Hope
NITRATE—9,488 lbs. Frida, Buenaventura
SULPHATE—185 tons, Michigan, Port Hope
RESIN, COALTAR—3,850 lbs, Lensovet, Leningrad; 1,407 lbs, American Traveler, Havre; 4,968 lbs, Scanmail, Gothenburg
SYNTHETIC—675 lbs, Caledonia, Glasgow; 330 lbs, American Trader, London
ROSIN—2,355 lbs, Malaren, Norrkoping
SOAP—(Ponce) 2,685 lbs, San Juan; 1,300 lbs, Humacao; 20,900 lbs, Ponce; 2,608 lbs, Mayaguez; 3,975 lbs, Aguadilla
TOILET—7,000 lbs, Europa, Bremen; 15,050 lbs, Helen Whittier, Honolulu; 2,025 lbs, Scanmail, Stockholm
SODA ASH—60,850 lbs, Baghdad, Hamburg; 5,050 lbs, Calamares, Porto Colombia; 12,010 lbs, Cauto, Tampico; (City of Dalhart) 80,125 lbs, Melbourne; 8,490 lbs, Adelaide
BENZOATE—1,197 lbs, Calamares, Cartagena
BICARBONATE—27,185 lbs, City of Batavia, Capetown; 61,288 lbs, Cauto, Tampico; 10,100 lbs, Pastores, Porto Colombia; 6,085 lbs, Frida, Buenaventura
SODA, BICHROMATE—5,050 lbs, Pastores, Cartagena; 54,538 lbs, Frida, Callao
BROMIDE—37,100 lbs, Lensovet, Leningrad
CAUSTIC—25,592 lbs, Baghdad, Hamburg; 9,334 lbs, Platano, Porto Barrios; (Santa Lucia) 7,586 lbs, Guayaquil; 16,546 lbs, Valparaiso; 2,888 lbs, Cristobal, Panama; (City of Dalhart) 29,410 lbs, Melbourne; 1,110 lbs, Adelaide
CYANIDE—(Frida) 15,567 lbs, Callao; 36,317 lbs, Pisco
HYDROSULPHITE—4,163 lbs, Quirigua, Havana
HYPOSULPHITE — 71,920 lbs, Cliffwood, Buenos Aires
METAL RESIDUE—24,880 lbs, Baghdad, London
NITRATE—70 tons, Michigan, Port Hope
SILICATE—3,200 lbs, Cristobal, Panama; 31,501 lbs, Almena, San Pedro
SILICATE COMP — 6,796 lbs, American Legion, Buenos Aires
STARCH—1,200 lbs, Limon, Kingston
CORN—(Helen Whittier) 33,617 lbs, Honolulu; 2,376 lbs, Hilo; (Ponce) 1,384 lbs, San Juan; 500 lbs, Humacao; 2,000 lbs, Ponce
SULPHUR—14,280 lbs, Pastores, Cartagena
SUPERPHOSPHATE—75 tons, Michigan, Port Hope
TALC—56,885 lbs, Baghdad, London; 11,220 lbs, Vulcania, Susak; 44,800 lbs, Caledonia, Glasgow
TANNING EXTRACT—10,415 lbs, City of Batavia, Port Elizabeth; 19,582 lbs, Montreal City, Bristol; 6,186 lbs, City of Dalhart, Sydney
MATERIAL—9,170 lbs, Cliffwood, Copenhagen
TOLUOL—17,875 gls, Cliffwood, Rio Janeiro
TURPENTINE—4,200 gls, City of Batavia, Capetown-option; (Cliffwood) 2,000 gls, Rio Janeiro; 1,540 gls, Buenos Aires
VARNISH — 8,148 lbs, American Legion, Buenos Aires; 21,619 lbs, Frida, Valparaiso
WITCH HAZEL EXTRACT—7,440 lbs, Montreal City, Bristol; 4,919 lbs, American Traveler, Havre

Baltimore Exports

Clearance Dates

City of Baltimore, September 16; City of Christchurch, September 14; Dorotea, September 18; Manchester Division, September 20th; Schodack, September 20; Welsh City, September 22

ACID, CHROMIC—2,200 lbs, City of Baltimore, Hamburg
ASPHALT — 46,230 lbs, City of Baltimore, Havre
BETH ROOT—70 lbs, City of Baltimore, London
CORNFLOUR—42,000 lbs, Manchester Division, Liverpool
COTTON ROOT BARK—727 lbs, City of Baltimore, London
GOLDEN SEAL ROOT—110 lbs, City of Baltimore, Leipzig
GREASE, LUBRICATING—3,822 lbs, City of Baltimore, Havre; (Rydboholm) 10,099 lbs, Stockholm; 7,231 lbs, Gothenburg; 4,181 lbs, Malmo; 25,678 lbs, Dorotea, Rio Grande do Sul
OIL, ENGINE—239 bbls, Manchester Division, Liverpool
LUBRICATING—372 bbls, City of Baltimore, Czechoslovakia; 140 bbls, Schodack, Havre
PAINT—2,160 gls, City of Christchurch, Manila
POISON OAK LEAVES—120 lbs, City of Baltimore, London
RUTILE—2,200 lbs, City of Baltimore, Hamburg
SENEGA ROOT—200 lbs, City of Baltimore, Leipzig
SERPENTINE—200 lbs, City of Baltimore, Leipzig
SODA, BICHROMATE—11,200 lbs, City of Baltimore, Yxpila; 13,020 lbs, Schodack, Bordeaux
STARCH—22,000 lbs, Rydboholm, Gothenburg
TANNING ETRACT—22,050 lbs, City of Baltimore, Havre
UREA—67,200 lbs, City of Baltimore, Paris
WAX, VEGETABLE—1,000 lbs, City of Baltimore, Hamburg

Boston Exports

Clearance Dates

American Importer, September 19; Black Heron, September 20; Culberson, September 18; Franconia, September 18; Laconia, September 20; Nova Scotia, September 16; Saint John, September 21, 23; Suriname, September 16; Tuscania, September 25; Yarmouth, September 20, 22, 24

ALUMINA SULPHATE—1,270 bgs, 280,035 lbs, Culberson, Buenos Aires
BAKING POWDER—100 bxs, 5 crts, 3,600 lbs, Nova Scotia, St John's, N F
BLUE, LAUNDRY—2 cs, 120 lbs, Yarmouth, Halifax
BRISTLES—5 cs, 540 lbs, Saint John, St John, N B
CEMENT, CAN—60 dms, 27,444 lbs, Culberson, Buenos Aires
CLEANER—50 cs, 1,500 lbs, Nova Scotia, St John's, N F
CLEANSING—48 cs, 912 lbs, Nova Scotia, St John's, N F
DEODORIZER—1 crtn, Yarmouth, Halifax
DRESSING, BELT—1 pkg, 100 lbs, Nova Scotia, St John's, N F
LEATHER—2 hlf bbls 1 kg, Suriname, Caibarien; 14 bbls, 14 bx, 770 gls, Franconia, Leicester; 4 dms, 1 kg, 30 gls, Nova Scotia, St John's, N F
SHOE—28 cs, 1 kg, 200 gls, Suriname, Havana
DRILLING PASTE—18 dms, 900 lbs, Franconia, Coventry
GLUESTOCK, HIDE CUTTINGS — 597 bgs, 72,295 lbs, Black Heron, Rotterdam
INK, INDELIBLE—1 crtn, Suriname, Coco Solo, C Z
MARKING—1 cs, 9 lbs, Black Heron, Zurich
PRINTING—100 dms, 44,320 lbs, Tuscania, Glasgow
WRITING—1 pkg, Suriname, Kingston, Jam
INSECTICIDE—2 dms, 716 lbs, Suriname, Havana
KEROSENE—120 bbls, 6,600 gls, Nova Scotia, St John's, N F
LACQUER—2 dms, 800 lbs, Black Heron, Wiltz
LINING COMP—(Black Heron) 25 dms, 11,892 lbs, Rotterdam; 29 dms, 14,102 lbs, Antwerp
MEDICINAL PREPS—4 cs, 246 lbs, Suriname, Havana
OIL, LUBRICATING—10 dms, 566 gls, American Importer, Acerington, England; 10 dms 18 crtns, 624 gls, Nova Scotia, St John's, N F
PAINT—11 dms, 22 bxs, 715½ gls, Nova Scotia, St John's, N F
PARAFFIN—148 bgs, 33,994 lbs, Laconia, Liverpool
POLISH, SHOE—50 cs, 2,287 lbs, Suriname, Havana
PUTTY—10 dms, 1,000 lbs, Nova Scotia, St John's, N F; 1 pail, 15 lbs, Yarmouth, Yarmouth
PYRETHRUM FLOWERS—1 bbl, 209 lbs, Yarmouth, Halifax

ROSIN—25 bbls, 12,330 lbs, Yarmouth, Halifax; 2 dms, 20 gls, Nova Scotia, St John's, N F; 5 bbls, 2,570 lbs, Saint John, St John, N B
SOAP, FLAKE—33 cs, 1,103 lbs, Suriname, Havana
TAR—33 cs, 827 lbs, Suriname, Havana
TOILET—50 cs, 1,218 lbs, Suriname, Havana
SOLDER SALTS—24 dms, 3,240 lbs, Black Heron, Rotterdam
TANNING EXTRACT—1 bbl, 478 lbs, Suriname, Caibarien
TOILET PREPS—(Suriname) 2 cs, 69 lbs, Havana; 1 cs, 57 lbs, Fort Davis, C Z; 5 cs, 355 lbs, Nova Scotia, St John's, N F
TURPENTINE, GUM—(Nova Scotia) 6 dms, 330 gls, Kentville, N S; 5 dms, 255 gls, St John, N B
VARNISH—1 hlf dm, 34 gls, Nova Scotia, St John's, N F
WAX, SHOE—4 crtns, 200 lbs, Nova Scotia, St John's, N F

Corpus Christi Exports

Clearance Dates

Beaufort, September 11; Pluvoise, September 11; Regina, September 9

OIL, FUEL—12,767 bbls, Regina, Gothenburg
PETROLEUM, CRUDE—59,600 bbls, Regina, Gothenburg; 101,571 bbls, Pluvoise, Port de Bouc; 55,593 bbls, Beaufort, Flushing

Galveston Exports

Clearance Dates

Fernwood, September 20; Hein Hoyer, September 16; Margaret Lykes, September 15; Ogontz, September 16; Sapinero, September 20

COCOA BEANS—(Fernwood) 20 tons, Yokohama; 2 tons, Osaka
OIL, LUBRICATING—1 bx, Margaret Lykes, Havana
SULPHUR—1,500 tons, Hein Hoyer, Oslo; (Ogontz) 900 tons, Montreal; 6,100 tons, Three Rivers; 7,300 tons, Sapinero, Three Rivers

Houston Exports

Clearance Dates

Aachen, September 15; Cranford, September 16; Gorm, September 15; Genevieve Lykes, September 15; Hien Hoyer, September 18; Magician, September 15; Margaret Lykes, September 16; Monrosa, September 17; Rapana, September 20; Sheherazade, September 17; Sliedrecht, September 18; Vanduara, September 17; West Quechee, September 15; Youngstown, September 18

BLACK, CARBON—70 tons, West Quechee, Marseilles; (Aachen) 200 tons, Bremen; 25 tons, Hamburg; (Gorm) 15 tons, Copenhagen; 20 tons, Gdynia; (Magician) 500 bgs, 20 cs, Liverpool; 20 cs, Manchester; 8,900 bgs, 120 cs, Liverpool-Manchester; 1,000 bgs, 100 cs, Monrosa, Genoa; 75 cs, 5,000 bgs, Youngstown, Havre; (Hein Hoyer) 4,263 bgs, Bremen; 50 cs, Hamburg; 208 cs, 1,992 bgs, Bremen-Hamburg
COTTONSEED CAKE—1,000 tons, Gorm, Aarhus; 1,400 tons, Cranford, Hamburg
GASOLINE—2,700 tons, Vanduara, Cette; 3,500 tons, Sliedrecht, Riga
KEROSENE—3,500 tons, Sliedrecht, Riga
LUBRICANTS—(Margaret Lykes) 16 tons, Cristobal; 17 tons, Puerto Colombia
OIL, LUBRICATING—(Magician) 20 dms, Liverpool; 50 dms, Manchester; 500 tons, Monrosa, Genoa; 50 dms, Youngstown, Rotterdam
PETROLEUM, CRUDE—16,750 tons, Sheherazade, Havre; 9,500 tons, Rapana, Montreal

Los Angeles Exports

Clearance Dates

Adellen, September 11; Awobasan, September 11; Captain A F Lucas, September 13; Hawaiian Standard, September 10; John Knudsen, September 6; Kwansai, September 10; Ogura, September 5; President Garfield, August 23; President Wilson, August 28; Royal Star, September 7; Santa Elena, September 4; Shunten, September 7; Stigstad, September 12; Vancouver, September 11; M T Vilja, September 15

ACID, BORIC—120 bgs, 13,230 lbs, Vancouver, Rotterdam; 500 bgs, 56,000 lbs, Royal Star, Newcastle
CRESYLIC—194 dms, 83,420 lbs, Kwansai, Cristobal
HYDROCYANIC — 4 cyls, 300 lbs, Santa Elena, Mazatlan
BORATE — (Vancouver) 20,520 bgs, 3,463,760 lbs, Rotterdam; 2,230 bgs, 378,380 lbs, Hamburg; 12,682 bgs, 2,043,650 lbs, Royal Star, London; 630 sx, 116,800 lbs, Shunten, Osaka
BORAX—(Vancouver) 6,000 bgs, 672,000 lbs, Rotterdam; 4,000 sx, 448,000 lbs, Hamburg; 1,000 bgs, Royal Star, Newcastle; (Shunten) 1,269 sx, 139,910 lbs, Yokohama; 2,357 sx, 259,860 lbs, Osaka; 30 cs, 3,360 lbs, Santa Elena, Mazatlan
CLAY—24 bgs, 1,230 lbs, Santa Elena, Maracaibo
COLOR, DRY — 670 lbs, President Garfield, Hongkong
GASOLINE—16,000 bbls, 4,176,000 lbs, Ogura, Yokohama; 11,547 bbls, 3,013,770 lbs, John Knudsen, Yokohama
INFUSORIAL EARTH — 88 bgs, 8,960 lbs, Vancouver, Antwerp; 25 bgs, 2,240 lbs, President Wilson, Manila; (Santa Elena) 1,400 bgs, 138,880 lbs, Havana; 14 bgs, 1,120 lbs, Aruba
KEROSENE — 5 bbls, 1,710 lbs, Vancouver, Puntarenas
LACQUER, THINNER—1,740 lbs, President Wilson, Manila
MINERAL SPTS—25 dms, 9,090 lbs, Vancouver, Puntarenas
OIL, CASTOR, BLOWN—2,550 lbs, President Garfield, Hongkong
DIESEL—35,880 bbls, 11,184,560 lbs, Adellen, Manila-Cebu-Poro; 7,655 bbls, 2,388,360 lbs, Awobasan, Tama; 7,650 bbls, 2,386,800 lbs, Shunten, Osaka; 8,236 bbls, 2,569,630 lbs, Captain A F Lucas, Guaymas; 2,017 bbls, 629,300 lbs, Hawaiian Standard, Topolobampo
FUEL—43,824 bbls, 14,593,390 lbs, Adellen, Manila-Cebu-Poro; 26,529 bbls, 8,834,160 lbs, Captain A F Lucas, Guaymas; 2,772 bbls, 920,080 lbs, Hawaiian Standard, Topolobampo
GAS—60,154 bbls, 18,166,510 lbs, Stigstad, Hamburg
LEMON, DIST—760 lbs, Vancouver, Hamburg
ORANGE—1,000 lbs, President Wilson, Manila
SALAD—830 lbs, President Garfield, Manila; 3,850 lbs, President Wilson, Manila
PETROLEUM, CRUDE—91,145 bbls, 28,437,240 lbs, John Knudsen, Yokohama; 66,385 bbls, 20,712,120 lbs, M T Vilja, Vancouver
SCOURING COMP—570 lbs, President Wilson, Hongkong; 2,890 lbs, Santa Elena, Cristobal
TURPENTINE, GUM—430 lbs, President Garfield, Hongkong
ZINC SULPHIDE—1,200 lbs, President Garfield, Hongkong

New Orleans Exports

Clearance Dates

Alberta, September 7; Baja California, August 6, 20; Glaucus, September 21; Koenigsberg, August 31; Leerdam, September 16; Louisiane, September 3; Lysefjord, August 18; Metapan, August 13; Nemaha, September 16; Port Antonio, August 11; Recca, September 17; Sinaloa, August 13; Sixaola, August 10, 20; Smaragd, August 17; Rhein, August 31; Tivives, August 17; Tripp, September 17; West Quechee, September 8

ASPHALT—172 sx, Louisiane, Havre; 206 sx, Koenigsberg, Hamburg
BLACK, CARBON—(Glaucus) 116 cs, Singapore; 4 cs, Hongkong; 1,160 sx, Batavia; 10 cs, Padang; 2 tons, Recca, Lisbon; 67 tons, Nemaha, Hamburg; (Leerdam) 17 tons, London; 5 tons, Rotterdam; 3 tons, Bristol; (Koenigsberg) 6,882 sx, Bremen; 1,120 sx, 41 cs, Hamburg; 30 cs, Bremen-Hamburg; 50 cs, Bremen-Hamburg transshipment; 10 cs, Metapan, Valparaiso; 56 tons, Louisiane, Havre; (Alberta) 309 sx, Trieste; 30 cs, Susak
BLUE VITRIOL—6,509 sks, Lysefjord, Tela (erroneously given as 6,509 tons in the August 30 issue)
CALCIMINE—13 dms, Sixaola, Panama
CLAY—5 tons, Nemaha, Hamburg; 54 tons, Louisiane, Havre
FILTER—68 tons, Louisiane, Havre
COCOA WASTE—38 tons, Leerdam, Amsterdam
DRUGS—54 lbs, Rhein, Kobe
FIRECLAY—1 dm, Koenigsberg, Hamburg
GASOLINE—42 dms, Baja California, Bluefields; 55 dms, Sinaloa, Bluefields; (Smaragd), 250 bbls, Puerto Barrios; 400 cs, 418 dms, Tela
GLUCOSE—110 bbls, Sixaola, Havana
GREASE, LUBRICATING—12 bbls, Koenigsberg, Hamburg; 50 qtr dms, Metapan, Guayaquil
HERBS—1 ton, Baja California, Puerto Colombia
INK—15 dms, Sixaola, Havana
INSECTICIDE—11 dms, Sixaola, Guayaquil
KEROSENE—153 cs, Baja California, Bluefields; 75 cs, Metapan, Puerto Limon; 135 cs, 27 dms, Sinaloa, Bluefields
LARD—33 dms, 45 tins, Port Antonio, Santiago; (Metapan) 400 dms, 200 tins, Havana; 600 tins, Guayaquil; 200 tins, Tivives, Puerto Barrios; 25 tins, Lysefjord, Santiago; (Sixaola) 855 dms, 1,450 tins, Havana; 50 tins, Puerto Limon; 25 crts, 10 ctns, Baja California, Bluefields
OIL, COTTONSEED—50 cs, Metapan, Havana
CYLINDER—33 bbls, West Quechee, Genoa
FUEL—60 dms, Baja California, Bluefields; 10 dms, Sinaloa, Bluefields; 50 dms, Sixaola, Puerto Barrios
LUBRICATING — (Recca) 208 tons, Marseilles; 22 tons, Casa Blanca; 517 dms, Koenigsberg, Bremen-Hamburg transshipment; (Rhein) 750 dms, Yokohama; 18 cs, Kobe; 80 dms, Osaka; (Louisiane) 221 tons, Havre; 29 tons, Dunkirk; 42 tons, Antwerp; 200 dms, Alberta, Piraeus; 8 dms, Sinaloa, Bluefields; 4 dms, 8 cs, Tivives, Puerto Barrios
PINE—70 dms, Rhein, Osaka
ORE CONCENTRATES—51 tons, Leerdam, London
PAINT—2 tons, Metapan, Buenaventura; (Sixaola) 1 ton, Puerto Barrios; 1 ton, Tela; 9 dms, Tivives, Puerto Cortez
PARAFFIN—493 tons, Nemaha, Hamburg; (Leerdam) 45 tons, London; 1 ton, Rotterdam
PETROLATUM—29 tons, Recca, Saigon; 275 bbls, Koenigsberg, Hamburg; 102 tons, Louisiane, Antwerp
PINETAR—20 dms, Glaucus, Batavia; 5 dms, Smaragd, Belize
ROSIN—(Glaucus) 5 dms, Tandjong Pandan; 400 dms, Batavia; 50 dms, Padang; 150 dms, Cheribon; 270 dms, Semarang; 75 dms, Sourabaya; 20 dms, Macassar; 25 dms, Menado; 30 dms, Port Antonio, Cartagena; 4 dms, Metapan, Valparaiso; (Sixaola) 50 dms, Buenaventura; 9 bbls, Guayaquil; 75 dms, Rhein, Yokohama
GUM—65 bbls, Sixaola, Panama
POWDERED—5 sx, Metapan, Havana
WOOD—(Metapan) 150 dms, Havana; 104 dms, Panama; 10 dms, Puerto Limon; 60 dms, Buenaventura
SALT—1 ton, Baja California, Bluefields; 2 tons, Port Antonio, Santiago; 100 tons, Metapan, Havana; 8 tons, Sixaola, Tela
BLOCK—1 ton, Tivives, Puerta Cortez
SOAP—200 ctns, Baja California, Bluefields
SULPHUR—2,700 tons, Tripp, Manchester
TOBACCO EXTRACT—39 bbls, Koenigsberg, Bremen
TURPENTINE—4 dms, Metapan, Havana; 32 dms, Alberta, Valetta
WOOD—55 dms, 20 cs, Metapan, Havana
WAX—4,171 sx, 1,530 bbls, Koenigsberg, Hamburg; (Alberta) 305 sx, Trieste; 204 sx, Salonica; 509 sx, Fiume; 100 sx, Tivives, Puerto Cortez; 100 sx, Sixaola, Tumaco

Philadelphia Exports

Clearance Dates

Barbarigo, September 19; City of Auckland, September 21; City of Christchurch, September 18; Dundrum Castle, September 22; Edam, September 20; Extavia, September 23; Idarwald, September 24; Jefferson Myers, September 17; Kinai, September 21; Kota Tjandi, September 18; Maasdam, September 16; Nyanza, September 21; Port Wellington, September 20; Rydboholm, September 20; San Rafael, September 22; Scanpenn, September 20; Schodack, September 25; Taubate, September 16

ALUMINA SULPHATE — 200 bgs, Jefferson Myers, Popayan
BARIUM ALLOY—1 pkg, Edam, Eindhoven
BLACK, BONE—12 bgs, Port Wellington, Sydney; 20 bgs, Scanpenn, Gothenburg; 6 dms, City of Auckland, Bombay
LAMP—3 cs, Port Wellington, Sydney
BRAKE FLUID — 2 cs, City of Auckland, Madras
CARBON BISULPHIDE — 40 cs, Jefferson Myers, Cristobal
CEMENT, AUTOMOBILE—(City of Auckland) 9 cs, Madras; 12 cs, Delhi
FIBRE—2 pkgs, Maasdam, Amsterdam; 3 dms, Taubate, Sao Paulo; 1 dm, Idarwald, Bucharest
GASKET — 50 ctns, City of Christchurch, Manila
RUBBER—3 pkgs, Maasdam, Amsterdam; 1 dm, 1 pl, Taubate, Sao Paulo; 8 ctns, City of Christchurch, Manila
SEALING—50 ctns, City of Christchurch, Manila
CHEMICAL COMP—10 ctns, City of Christchurch, Manila; 1 dm, City of Auckland, Bombay
CLEANER—17 cs, Rydboholm, Stockholm; 2 crbys, City of Christchurch, Manila; 1 bx, Idarwald, Hamburg
COCOA BEANS—(City of Christchurch) 45 bbls, Manila; 10 bbls, Iloilo; 10 bbls, Cebu
WASTE—1,600 pkgs, Edam, Amsterdam
CYANIDE, CRUDE—5 dms, Port Wellington, Melbourne
DICHLORODORFLUOROMETHANE — 15 cyls, Nyanza, Santos
DISINFECTANT — 2 dms, Jefferson Myers, Panama City
FELDSPAR, DENTAL—1 bbl, 1 dm, Kinai Maru, Kyoto
FILTER SAND—372 bgs, Kinai, Yokohama
FUEL, ANTI-KNOCK COMP—30 dms, Nyanza, Buenos Aires; (Schodack) 70 dms, Havre; 25 dms, Bordeaux
GASOLINE—6,000 cs, 700 dms, Nyanza, Montevideo; (Dundrum Castle) 2,200 cs, Port Louis; 500 cs, Pointe de Galets
GLUE, LIQ—13 ctns, Jefferson Myers, Panama City
GREASE, LUBRICATING — 60 pls, 7 bbls, Taubate, Sao Paulo; (Jefferson Myers) 24 ctns, 1 dm, Panama City; 4 dms, Pisco; 10 cs, Kota Tjandi, Bangkok; 13 dms, Port Wellington, Fremantle; 18 pkgs, Edam, Amsterdam; (Scanpenn) 8 dms, Gothenburg; 49 dms, 3 bxs, Stockholm; 8 bbls, 4 dms, 1 crate, Gothenburg; 40 cs, 7 dms, Nyanza, Santos; 11 dms, 181 ctns, 5 bxs, City of Christchurch, Manila; 4 pls, 5 cs, 26 ctns, City of Auckland, Bombay; 30 dms, 3 bxs, Extavia, Piraeus; 10 dms, San Rafael, Guayaquil; 2 bbls, Schodack, Havre; 2 dms, Idarwald, Bucharest
INK ERADICATOR—1 cs, City of Auckland, Alexandria
WRITING—74 cs, City of Auckland, Alexandria
INSECTICIDE—2 dms, Jefferson Myers, Panama City
KEROSENE—(Dundrum Castle) 1,700 cs, Port Louis; 500 cs, Pointe de Galets; 2 dms, Idarwald, Hamburg
LICORICE PASTE—(Rydboholm) 10 cs, Oslo; 20 cs, Norrkoping; 10 cs, Port Wellington, Sydney; 130 cs, Scanpenn, Copenhagen; 31 cs, Dundrum Castle, Rustenburg
LINSEED CAKE—2,240 bgs, Schodack, Havre
MANGANESE ORE CONC—8 bbls, Port Wellington, Melbourne; (City of Auckland) 7 cs, Bombay; 224 bgs, Alexandria
MEDICINAL PREPS—(City of Auckland) 70 cs, Calcutta; 3 bxs, Bombay; 23 bxs, Rangoon; 11 bxs, Madras; 11 bxs, Karachi; 2 cs, Amritsar; 5 cs, Cocanda; 9 ctns, San Rafael, Colon
METAL CUTTING COMP — 1 ctn, City of Christchurch, Manila
OIL, ILLUMINATING — 200 dms, Nyanza, Montevideo
LUBRICATING—8 pkgs, Maasdam, Amsterdam; 240 cs, 321 dms, Taubaute, Sao Paulo; (Jefferson Myers) 15 dms, Molendo; 106 dms, 25 qtr dms, Callao; 3 dms, Pimentel; 17 dms, 4 qtr dms, Pisco; 9 dms, Plata; 6 dms, Salaverry; (Rydboholm) 50 dms, 30 bbls, Drammen; 10 bbls, Oslo; 1,510 pkgs, Gothenburg; 1,626 pkgs, Stockholm; 127 pkgs, Sundsvall; 328 pkgs, Malmo; 167 pkgs, Helsingborg; 197 pkgs, Norrkoping; 421 pkgs, Helsinki; 85 pkgs, Barbarigo, Bos Brod; (Kota Tjandi) 530 pkgs, Singapore; 258 pkgs, Penang; 287 pkgs, 65 dms, Port Swettenham; 25 pkgs, Batavia; 20 cs, 10 dms, Bangkok; (Port Wellington) 1 pkg, Lea; 53 dms, 198 pkgs, Sydney; 153 pkgs, 95 dms, 10 bbls, Melbourne; 23 pkgs, 85 dms, Adelaide; 10 dms, Fremantle; 10 dms, Perth; 138 dms, 50 pls, 1,627 pkgs, Fremantle; 1,120 pkgs, Brisbane; 35 pkgs, Townsville; 19 pkgs, Cairns; 1,306 pkgs, Edam, Rotterdam; (Scanpenn) 55 dms, 50 ctns, 20 bbls, Gothenburg; 124 bbls, Copenhagen, 122 bbls, Gdynia; 75 bbls, 34 dms, 47 bxs, Stockholm; 280 dms, Kinai, Kobe; (Nyanza) 1,719 pkgs, 15 dms, 305 cs, 30 ctns, Santos; 75 cs, Montevideo; (City of Christchurch) 116 dms, 1,478 pkgs, Manila; 100 dms, Hongkong; 4,259 pkgs, Shanghai; (Dundrum Castle) 815 pkgs, East London; 2,118 pkgs, Durban; 852 pkgs, Port Elizabeth, 1,598 pkgs, Capetown; 6,758 pkgs, Lourenco Marques; 1,093 pkgs, Beira; 327 pkgs, Pointe de Galets; 330 pkgs, Port Louis; (City of Auckland) 1,600 pkgs, 10 dms, Calcutta; 604 dms, 16 dms, 2 cs, Bombay; 700 pkgs, Colombo; 20 ctns, 1 cs, 1 dm, Madras; 160 bbls, 1 cs, Karachi; (Extavia) 84 dms, 95 cs, Piraeus; 60 pkgs, Salonica; 10 bbls, Istanbul; 80 dms, 34 pls, San Rafael, Guayaquil; (Schodach) 230 bbls, Havre; 325 bbls, Bordeaux; (Idarwald) 5 dms, Bucharest; 1,180 bbls, 600 pls, 60 dms, 25 pkgs, Hamburg; 1,500 dms, Bremen
MIRBANE—4 dms, Nyanza, Buenos Aires
PAINT—62 pkgs, Maasdam, Amsterdam; 1 cs, 12 dms, 94 pls, Taubate, Sao Paulo; 5 cs, 200 kits, Jefferson Myers, Cristobal; 1 dm, Scanpenn, Gothenburg; 1 dm, 128 ctns, City of Christchurch, Manila; 6 cs, 5 dms, Idarwald, Bucharest
PARAFFIN—406 ctns, Jefferson Myers, Guayaquil; 332 bbls, Barbarigo, Susak; 13 bbls, Scanpenn, Copenhagen; 1,071 bgs, City of Christchurch, Hongkong; (San Rafael) 150 bgs, Paita; 356 bgs, Guayaquil; 90 bgs, Idarwald, Hamburg
REFINED—102 bgs, City of Auckland, Rangoon; 5 bgs, Idarwald, Hamburg
SEMI REFINED—50 bgs, San Rafael, Guayaquil
PASTE, ADHES—100 ctns, City of Christchurch, Manila; (City of Auckland) 54 cs, Alexandria; 19 ctns, Calcutta
PETROLATUM—(Port Wellington) 25 bbls, 25 dms, Brisbane; 125 bbls, Sydney; 35 bbls, Melbourne; 10 bbls, Adelaide; 15 bbls, Fremantle
POLISH—7 pls, Taubate, Sao Paulo; (Jefferson Myers) 44 cs, Cristobal; 11 ctns, Panama City; (City of Auckland) 4 cs, Madras; 5 cs, Delhi
PUTTY—1 ctn, Jefferson Myers, Panama City
RADIATOR FLUSH—10 ctns, City of Christchurch, Manila
RESIN—4 dms, Rydboholm, Gothenburg
COALTAR—23 dms, Schodack, Havre
RUTILE—6 pkgs, Edam, Eindhoven
SODA, ASH—1 dm, Port Wellington, Sydney; (Scanpenn) 3 dms, Stockholm; 1 dm, Gothenburg; 6 dms, City of Auckland, Bombay
CYANIDE—3 bxs, Scanpenn, Gothenburg
STARCH, PEARL—500 bgs, City of Auckland, Calcutta
TANNING MATERIAL—12 bbls, Port Wellington, Sydney
TIRE COATING COMP — 54 ctns, City of Christchurch, Manila
WAX, FLOOR—3 ctns, Jefferson Myers, Panama City

Port Arthur Exports

Clearance Dates

Benedick, September 13; Cordelia, September 11; Derbyline, September 14; Langanger, September 14; Lucifero, September 11; Marathon, September 13; Naumberg, September 15; Steaua Romana, September 16

ASPHALT—(Naumberg) 2,855 dms, Auckland; ASPHALT (Continued):—6,712 dms, Wellington; 368 dms, Dunedin; 255 dms, Lyttleton
GASOLINE—117,284 bbls, Langanger, Santa Cruz de Teneriffe; 15,545 bbls, Cordelia, Montreal
GREASE, LUBRICATING—278 dms, 77 bbls, 8 hlf bbls, Benedick, Bordeaux; 6 dms, Derbyline, Corona-Vigo
OIL, DIESEL—(Naumberg) 100 dms, Dunedin; 149 dms, Lyttleton
FUEL—31,104 bbls, Derbyline, Coruna-Vigo; 51,136 bbls, Steaua Romana, Naples, Genoa
GAS—29,166 bbls, Derbyline, Coruna-Vigo
LUBRICATING—19 dms, Benedick, Bordeaux; 2,104 dms, Derbyline, Coruna-Vigo; (Naumberg) 638 dms, Wellington; 125 dms, Dunedin
PARAFFIN—500 bgs, Derbyline, Corona-Vigo
PETROLEUM, CRUDE—75,222 bbls, Cordelia, Montreal; 43,211 bbls, Lucifero, Venice; 82,241 bbls, Marathon, Montreal; 79,785 bbls, Benedick, Bordeaux; 114,824 bbls, Strinda, Montreal

San Francisco Exports

Clearance Dates

Antigua, September 10; Athelchess, September 7; Corneville, September 13; Delftdijk, September 11; District of Columbia, September 8; Ferncastle, September 10; Kingsley, September 7; Limerick, September 4; President Hayes, September 11; San Diego, September 8; San Luis, September 10; Tatsuta, September 10; Vancouver, September 8; Villanger, September 8

ABRASIVE PAPER—8 crts, President Hayes, Kobe
ALCOHOL, DEN—1 cs, Limerick, Papeete
AMMONIA SULPHATE—20,322 sks, President Hayes, Iloilo
APRICOT KERNELS—(Villanger) 630 sks, Holland; 25 sks, Belgium; 2 sks, Vancouver, Klaipeda; (Delftdijk) 575 sks, Holland; 250 sks, England; 100 sks, United Kingdom
ASPHALT—(President Hayes) 768 dms, Singapore; 20 dms, Colombo; 50 dms, Hongkong
BIOLOGICAL PREPS—3 cs, Antigua, Barranquilla
VETERINARY—2 cs, Antigua, Barranquilla
CALCIUM CHLORIDE—6 dms, Limerick, Papeete
CEMENT, LINOLEUM—2 dms, President Hayes, Bombay
CHEMICALS—5 cs, Limerick, Papeete
CHLORINE BLEACH, LIQ—14 cs, Limerick, Papeete
CLEANER—(Kingsley) 100 cs, Shellburn; 1 bbl, Vancouver; 5 cs, District of Columbia, Vancouver
GLASS—75 cs, Kingsley, Shellburn
COLOR, DRY—5 sks, Limerick, Papeete
LIQUID—1 cs, Limerick, Papeete
CONCENTRATES—55 dms, Tatsuta, Yokohama
DICHLORODIFLUOROMETHANE — 2 cyls, President Hayes, Kobe
DRESSING, AUTO TOP—4 cs, District of Columbia, Vancouver
DRUGS—2 cs, Limerick, Papeete; 3 cs, President Hayes, Manila
DYES—2 cs, Kingsley, Shellburn; 2 cs, District of Columbia
ETHYL FLUID—2 dms, District of Columbia, Vancouver
FILLER, WOOD—1 cs, Limerick, Papeete; 20 kgs, President Hayes, Manila
FIRECLAY—(President Hayes), 34 cs, Manila; 1 cs, President Hayes, Calcutta
GAS—3 cyls, President Hayes, Manila
GASOLINE—(Limerick) 950 cs, 6 dms, Rarotonga; 625 dms, 220 cs, Papeete; 8,200 bbls, 20 dms, District of Columbia, Vancouver; (Ferncastle) 65,780 bbls, Dairen; 10,000 bbls, Hongkong
AVIATION—(Ferncastle) 8,000 bbls, Dairen; 1,388 bbls, Hongkong
GREASE, LUBRIC—1 dm, 1 cs, Limerick, Papeete; (Kingsley) 79 dms, 173 pls, 13 cs, Shellburn; 37 dms, 86 cs, Vancouver; 27 dms, 132 pls, 87 cs, District of Columbia, Vancouver; 80 pls, Antigua, Cristobal; (President Hayes) 12 dms, Singapore; 60 dms, 62 cs, Manila; 7 dms, 10 cs, Colombo; (Corneville) 4 dms, Saigon; 28 dms, Fremantle
GUM, COPAL—8 bskts, Kingsley, Vancouver
INK, PRINTING—6 dms, Kingsley, Victoria; 84 dms, 4 cs, 215 pls, President Hayes, Hongkong
INSECTICIDE—125 cs, Kingsley, Shellburn; 35 cs, President Hayes, Manila
KEROSENE—(Limerick) 250 cs, 20 dms, Rarotonga; 600 cs, 14 dms, Papeete; (Ferncastle) 22,652 bbls, Hongkong; 7,354 bbls, Dairen; 1,000 cs, Antigua, Puerto Armuelles; 275 dms, Corneville, Melbourne
LEAD, RED, DRY—300 kgs, President Hayes, Manila
WHITE—500 kgs, President Hayes, Manila
LIGHTER FLUID—6 cs, District of Columbia, Vancouver
LIME, HYDRATED—600 sks, Kingsley, Vancouver
LUBRICANT—3 cs, Kingsley, Shellburn
MEDICINAL PREPS—6 cs, Limerick, Papeete
METHYL CHLORIDE—3 dms, Delftdijk, England
MINERAL SPTS—(Corneville) 500 dms, Melbourne; 150 dms, Brisbane; 1,460 dms, Sydney
OIL, CHINAWOOD—20 dms, Kingsley, Vancouver
COMPRESSOR—1 cs, Limerick, Papeete
CYLINDER—4 dms, President Hayes, Singapore
DIESEL—(Athelchess) 17,540 bbls, Hakodate; 31,572 bbls, Moji; 35,080 bbls, Takao; 45,604 bbls, San Diego, Japan; 4,183, bbls, Ferncastle, Hongkong; 3,706 bbls, Corneville, Sydney
FISH—8 cs, President Hayes, Manila
FLOOR—1 cs, District of Columbia, Vancouver
FUEL—6,562 bbls, Athelchess, Takao; 26,248 bbls, San Diego, Japan
GAS—7,455 gals, Corneville, Saigon
LINSEED—20 dms, 17 pkgs, 10 kgs, 12 cs, Limerick, Papeete
LUBRICATING — 14 cs, 60 dms, Limerick, Papeete; (Kingsley) 41 dms, Shellburn; 59 dms, Vancouver; 549 dms, 14 pls, 50 cs, District of Columbia, Vancouver; (Tatsuta) 1 cs, Yokohama; 60 dms, Kobe; 56 pls, Antigua, Panama; (President Hayes) 61 dms, Bahrein; 100 dms, Bombay; 150 dms, Singapore; 962 dms, 42 cs, Manila; 40 dms, Colombo; 1,300 cs, Shanghai; (Corneville) 590 dms, Saigon; 1,160 dms, Sydney; 235 dms, Fremantle
MINERAL WHITE — 25 dms, President Hayes, Manila
MOTOR—13 dms, Limerick, Papeete
PAINT—72 cs, Limerick, Papeete; (President Hayes) 40 pls, 7 cs, Colombo; 24 cs, 50 kgs, Manila
ALUMINUM—9 cs, President Hayes, Manila
ENAMEL—6 cs, Limerick, Papeete
PASTE—9 cs, Limerick, Papeete
PREPARED—(Limerick) 28 cs, Papeete; 3 cs, Limerick, Rarotonga
PETROLEUM, CRUDE—14,636 bbls, San Luis, Nugata
DISTILLATE—40 dms, Limerick, Rarotonga
REFINED—(President Hayes) 16 cs, Bahrein; 10 cs, Singapore; 150 dms, President Hayes, Dairen; 500 dms, Corneville, Syd-

PAINT, REFINED (Continued):—
ney; 162 cs, 6 dms, Limerick, Rarotonga; 164 dms, 7 cs, District of Columbia, Vancouver
POLISH, FURNITURE—2 cs, Limerick, Papeete; 2 cs, District of Columbia, Vancouver
METAL—3 cs, Limerick, Papeete; 5 cs, President Hayes, Manila
POTASH CAUSTIC—20 dms, Kingsley, Vancouver
XANTHATE—10 dms, Kingsley, Vancouver
PRIMING SOL—2 cs, District of Columbia, Vancouver
PUTTY—2 cs, Limerick, Papeete
SALT—24 cs, 117 sks, Limerick, Papeete
(Kingsley) 500 tons and 14,400 sks, Chemainus; 500 tons, Vancouver
SOAP—2 cs, Limerick, Papeete
FLAKE—1 cs, Limerick, Papeete
TOILET—1 cs, Limerick, Papeete
SODA—5 cs, President Hayes, Penang
ASH—1 bbl, 18 sks, Limerick, Papeete
SAL—2 sks, Limerick, Papeete
SILICATE—62 dms, 200 sks, President Hayes, Manila
SOLVENT—43 dms, Delftdijk, England
SULPHUR—12 cs, Limerick, Papeete
PREPARED—1 cs, President Hayes, Singapore
TALC—1 sk, Limerick, Papeete
TOILET PREPS—1 cs, Limerick, Rarotonga; 3 cs, President Hayes, Hongkong
TURPENTINE—1 cs, Limerick, Papeete
VANILLA EXTRACT—1 kg, President Hayes, Singapore
VARNISH—5 dms, 4 cs, President Hayes, Manila
WASHING COMPOUND—9 cs, Limerick, Papeete
WATER, MINERAL—5 cs, Limerick, Papeete
WAX—1 cs, Limerick, Papeete
PASTE—4 cs, District of Columbia, Vancouver

Savannah Exports

Clearance Dates

Cadmus, September 23; Javanese Prince, September 14; King Edward, September 16; Lista, September 18; Llanfair, September 22; Steel Inventor, September 18; Taurus, September 19; The Angeles, September 18

CHINA CLAY—200 bgs, Steel Inventor, Calcutta
CLAY—1,200 bgs, The Angeles, Montevideo; 110 bgs, Taurus, Helsingfors
COTTON LINTERS—787 bls, Taurus, Gdynia; (King Edward) 100 bbls, London; 576 bbls, Hamburg
FULLER'S EARTH—800 bgs, Taurus, Gdynia
ROSIN, GUM—(King Edward) 1,994 bbls, London; 321 bbls, Rotterdam; 1,230 bbls, Hamburg; (Steel Inventor) 21 bbls, Port Said; 200 bbls, Bombay; 60 bbls, Calcutta; 6 bbls, Lista, Genoa; 200 bbls, The Angeles, Montevideo; (Llanfair) 750 bbls, Hamburg; 350 bbls, Prague; (Taurus) 100 bbls, Oho; 60 bbls, Kotka; 750 bbls, Raumo; 1,100 bbls, Wiborg; 10 bbls, Libau; 900 bbls, Copenhagen; 25 bbls, Stockholm; 815 bbls, Oslo; 25 bbls, Bergen; 1,100 bbls, Gothenburg; 25 bbls, Danzig; 335 bbls, Riga; 103 bbls, Gdynia
SIZE, DRY—(Taurus) 448 bgs, Gothenburg; 90 bgs, Bergen
WOOD—116 dms, Javanese Prince, Manila
TURPENTINE—185 dms, The Angeles, Gothenburg; 1,000 cks, King Edward, London
GUM—28 dms, The Angeles, Buenos Aires; (Taurus) 55 bbls, Oslo; 45 bbls, Stockholm; 50 bbls, Malmo; 325 bbls, Copenhagen; (King Edward) 200 bbls, Rotterdam; 310 bbls, Hamburg; 25 cs, Steel Inventor, Port Said

Tampa Exports

Clearance Dates

Austvangen, September 6; Dalvangen, September 16; General Tosta, September 17; Monstella, September 16

EMULSION—1 dm, Austvangen, Bridgetown
LARD—100 tins, General Tosta, Cozumel
OIL, LINSEED—2 dms, General Tosta, Cozumel
PHOSPHATE—3,001 tons, Monstella, Genoa
SUPERPHOSPHATE—500 bgs, Austvangen, Kingston
WAX EMULSION—10 dms, Dalvangen, Port of Spain

Coastwise Shipments

Corpus Christi Coast Trade

OIL, FUEL—42,529 bbls, Norman Bridge, Baytown
HEATING—73,949 bbls, E J Bullock, Baytown
PETROLEUM, CRUDE—95,519 bbls, Thermo, Texas City; 63,413 bbls, Omphale, San Jose; 57,162 bbls, Paco, Texas City; 30,456 bbls, Federal, Houston; 74,337 bbls, Cities Service Kansas, Baytown; 76,761 bbls, Swiftlight, Port Arthur; 111,233 bbls, H H Rogers, Baytown; 99,609 bbls, Vistula, Baytown; 75,222 bbls, Hagood, Baytown; 85,047 bbls, W H Libby, Baytown; 149,066 bbls, Wm Rockefeller, Baytown; 113,716 bbls, James McGee, Baytown; 69,242 bbls, Thomas H Wheeler, Baytown

Los Angeles Coast Trade

GASOLINE — 10,249 bbls, Tejon, Portland; 10,531 bbls, San Diegan, San Diego; 55,273 bbls, Arizona, Seattle; 62,132 bbls, District of Columbia, Seattle; 37,097 bbls, Edwin B de Golia, San Francisco; 3,850 bbls, S & C No 41, San Diego; 61,949 bbls, Mojave, Seattle; 7,184 bbls, San Diegan, San Diego; 58,000 bbls, Baldbutte, Portland
OIL, DIESEL—5,379 bbls, Tejon, Portland; 907 bbls, S & C No 41, San Diego; 12,692 bbls, Mojave, Seattle; 1,407 bbls, San Diegan, San Diego; 18,000 bbls, Baldbutte, Portland
FUEL—50,984 bbls, Torres, Richmond; 54,605 bbls, Tejon, Portland; 2,414 bbls, Coast Trader, Portland; 49,674 bbls, Topila, San Francisco; 7,982 bbls, Mojave, Seattle; 3,000 bbls, Scotia, Eureka
PETROLEUM, CRUDE—79,682 bbls, La Placentia, Oleum

San Francisco Coast Trade

ACID, SULPHURIC—50 dms, Coast Merchant, Portland, Ore
AMMONIA—50 cyls, Point San Pedro, Seattle
APRICOT KERNELS—5 tons, Horace Luckenbach, New York
ASH, INCINERATOR — 1,190 sks, Nabesna, Portland, Ore
ASPHALT—74,000 bbls, D G Schofield, Baltimore-Providence
BEAN MEAL—1,000 sks, Point San Pedro, Seattle
CEMENT, LINOLEUM — 9 tons, Missourian, New York
CHILLIES—13 tons, Missourian, Philadelphia
CHLORINE BLEACH, LIQUID—30 tons, San Anselmo, Norfolk
29 tons, San Anselmo, Albany
10,700 cs, Point Palmas, New Orleans
1,000 cs, Point Palmas, Beaumont
7,040 cs, Point Palmas, Tampa
4,000 cs, Missourian, Charleston
2,500 cs, Missourian, New York
8,000 cs, Missourian, Philadelphia
500 cs, Point San Pedro, Tacoma
700 cs, Point San Pedro, Seattle
55 tons, Horace Luckenbach, New York
1,375 cs, Dakotan, Norfolk
4,850 cs, Dakotan, Philadelphia
COCONUT, DESIC—350 cs, Mathew Luckenbach, New Orleans
420 cs, Mathew Luckenbach, Houston
100 cs, Mathew Luckenbach, Mobile
354 cs, Horace Luckenbach, Philadelphia
CREAM TARTAR—11 tons, Dakotan, Boston
ETHYLENE DIBROMIDE—18 tons, Dakotan, Philadelphia
GLUE, DRY—14 tons, San Anselmo, Norfolk
HONEY—500 cs, Point Palmas, New Orleans
HOPS—2 tons, Dakotan, Boston
LIME—1,200 sks, Point San Pedro, Seattle
MAGNESITE—41 tons, Missourian, New York
60 tons, Horace Luckenbach, New York
587 tons, Dakotan, Philadelphia
11 tons, Dakotan, Boston
MILK POWDER—20 tons, San Anselmo, Baltimore
23 tons, San Anselmo, Norfolk
225 bbls, Point Palmas, New Orleans
18 tons, Missourian, New York
25 tons, Missourian, Boston
36 tons, Horace Luckenbach, New York
20 tons, Dakotan, Philadelphia
SUGAR—49 tons, Missourian, Philadelphia
OIL—100 tons, Margaret Schafer, Aberdeen
80 dms, Nabesna, Portland, Ore
300 pkgs, Point San Pedro, Seattle
FUEL—1,300 bbls, District of Columbia, Seattle
LUBRICATING—377 tons, San Anselmo, Bayonne
750 cs, Californian, Seattle
20 tons, California, New York
OXIDE—21 tons, Dakotan, New York
PETROLEUM PRODUCTS—3,000 pkgs, Nabesna, Willbridge
QUICKSILVER—14 tons, California, New York
SALT—1,575 sks, 2,420 pkgs, Nabesna, Portland, Ore
640 sks, 3,595 pkgs, Point San Pedro, Seattle
8,419 pkgs, Coast Merchant, Portland, Ore
SAND—585 sks, Nabesna, Portland, Ore
600 sks, Point San Pedro, Seattle
SOAP—15 tons, Margaret Schafer, Aberdeen
SODA HYPOCHLORITE—580 tons, Mathew Luckenbach, New Orleans
61 tons, Mathew Luckenbach, Houston
175 tons, Horace Luckenbach, Boston
SILICATE—55 dms, Point San Pedro, Seattle
60 dms, Coast Merchant, Portland, Ore
TOBACCO DUST—16 tons, San Anselmo, Norfolk
XANTHATE—18 tons, Missourian, New York
1 ton, Missourian, Philadelphia

Cargo Ship Arrivals

September 25 to October 8

New York

Adrastus	Batavia*	Sept 30
Agwistar	Tampico*	Sept 27
Almena	Puerto Plata	Sept 28
American Shipper	Liverpool*	Oct 4
American Trader	London	Oct 4
Banaderos	Antwerp*	Sept 28
Barbara Cates	Portland*	Sept 28
Bergensfjord	Oslo*	Oct 5
Black Condor	Rotterdam*	Sept 29
Black Gull	Rotterdam*	Oct 5
Black Hawk	Rotterdam*	Oct 2
Blankaholm	Gothenburg*	Sept 28
Boniface	Bahia*	Oct 2
Borinquen	Trujillo*	Sept 27
Bremen	Bremen*	Oct 7
Buenaventura	Port au Prince*	Oct 4
Caracas	Curacao*	Oct 7
Cathlamet	Freetown*	Oct 4
Charles H Cramp	Zanzibar*	Sept 27
Charles R McCormick	Seattle*	Oct 6
Chattanooga City	Honolulu*	Oct 5
Chipana	Valparaiso*	Oct 2
Coamo	Trujillo*	Oct 4
Colombia	Cristobal*	Oct 4
Constance Chandler	Honolulu*	Sept 29
Conte di Savoia	Naples*	Oct 7
Dakotan	Longview*	Oct 5
Dromore Castle	Beira*	Oct 9
Eurymedon	Batavia*	Oct 3
Exchester	Genoa*	Sept 28
Exochorda	Alexandria*	Sept 29
Gerolstein	Antwerp	Oct 7
Golden West	Honolulu*	Oct 5
Gretavale	Marseilles*	Oct 2
Heffron	Seattle*	Sept 29
Henry D Whiton	Coos Bay*	Sept 30
Horace Luckenbach	Portland*	Oct 2
Ile de France	Havre*	Oct 5
Independence Hall	Havre	Oct 1
Kano	Manila*	Oct 4
Kansan	Seattle*	Sept 29
Kosel	Kobe*	Oct 8
Kungsholm	Gothenburg	Oct 6
Lehigh	Dundee*	Oct 1
Lewis Luckenbach	Seattle*	Sept 28
Madoera	Macassar*	Oct 7
Mahronda	Calcutta*	Oct 7
Manaqui	St Thomas*	Sept 29
Mauna Kea	Hilo*	Oct 5
Mauna Loa	Honolulu*	Sept 29
Medea	Maracaibo*	Oct 4
Mercier	Antwerp	Oct 1
Minnequa	Soderhamn*	Oct 2
Missourian	Seattle*	Oct 3
Nankai	Manila*	Oct 8
Northern Prince	Buenos Aires*	Sept 29
Noto	Hongkong*	Sept 29
Orizaba	Vera Cruz*	Oct 5
Pan America	Buenos Aires*	Oct 6
Pennmar	Seattle*	Oct 1
Peten	Port Limon*	Oct 3
Pilsudski	Gdynia*	Oct 7
Platano	Puerto Barrios*	Oct 7
President Polk	Manila*	Oct 5
Queen Mary	Southampton*	Oct 4
Rosario	San Juan	Sept 27
San Angelo	Astoria*	Sept 30
San Jacinto	San Juan	Oct 5
Santa Barbara	San Antonio*	Oct 4
Santa Clara	San Antonio*	Sept 27
Santa Rosa	San Francisco*	Oct 5
Saturnia	Trieste*	Oct 4
Scanstates	Copenhagen*	Sept 29
Scythia	Liverpool*	Oct 4
Seatrain Havana	New Orleans*	Sept 28
Seatrain New York	New Orleans*	Oct 5
Silverwalnut	Batavia*	Oct 3
Stuyvesant	Curacao*	Oct 4
Susan Luckenbach	Portland*	Oct 7
Taronga	Manila*	Sept 28
Tirandentes	Rotterdam	Sept 30
Transylvania	Glasgow*	Oct 4
Trentino	Hull	Sept 28
Turksib	Leningrad*	Sept 28
Ulua	Santa Marta*	Oct 6
Uraguayo	Santos*	Sept 29
Volendam	Rotterdam*	Oct 4
Weirbank	Calcutta*	Oct 4
West Calumb	Buenos Aires*	Oct 1
Yorkmar	Richmond*	Oct 7

* And other ports

Recent Charters

PETROLEUM—9,500 tons, S S Barbro, dirty, Gulf to United Kingdom, Continent, 27s; December
80,000 bbls, S S ——, gasoline, Gulf to North of Hatteras, 32c; October
11,500 tons, S S Vereda, clean, Aruba to United Kingdom, Continent, 22s; November
6,000 tons, S S Cerinthus, lubricating oil, New York to United Kingdom, 27s; November
15,800 tons, S S Kaidfonn, dirty, Aruba to United Kingdom, Continent, 21s 6d; November
11,500 tons, S S Malmanger, dirty, Aruba to United Kingdom, Continent, 21s 6d; November
—— tons, S S Charles Racine, dirty, six voyages, California to Japan, 31s; December-January
—— tons, S S J Fletcher Farrell, clean, Gulf to North Hatteras, gasoline, 32c; kerosene, 33c; October 10
—— tons, S S Nordfold, dirty, Aruba to United Kingdom, Continent, 21s; September-October
90,000 bbls, S S ——, fuel oil, Gulf to North of Hatteras, 33c; October 2
9,000 tons, S S Lustrous, clean, Aruba to United Kingdom, Continent, 22s 6d; October-November
10,000 tons, S S Vinga, dirty, three years general trading, commencing October-November, 8s 3d
9,000 tons, S S Luminetta, clean, Aruba to United Kingdom, Continent, 22s; October
9,000 tons, S S Vilja, dirty, six trips, California to Japan, 30s; December-January
13,000 tons, S S Permian, dirty, Gulf to Buenos Aires, 28s; October
—— tons, S S Andreas, dirty, Gulf to Flushing, 23s 6d; November
10,500 tons, S S Thorshavn, dirty, Gulf to Russia, 24s 6d; October-November

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended September 30

Ampules, post pituitary, 1 case; substandard.
Cassia oil, 23 drums; contains rosin and heavy metals.
Coriander seed, 700 bags; filthy.
Eucalyptus oil, 10 drums; restricted use.
Gum, benzoin, 50 cases; U.S.P. test for rosin is positive.
Marjoram leaves, 88 bags; filthy.
Medicinal preparations, 8 cases; false therapeutic claims.
Nutmegs, technical, 255 bags; restricted use.
Pollock liver oil, 65 drums; restricted use.
Radioactive preparation, 1 case; dangerous to health.
Thyme leaves, 5 bundles, filthy.

Baltimore

Week Ended September 30

Fertilizer mixture, 7,000 bags; restricted use.

Buffalo

Week Ended September 30

Medicinal preparations, 3 cases; false therapeutic claims.

Philadelphia

Week Ended September 30

Medicinal preparations, 1 case; false therapeutic claims.

San Francisco

Two Weeks Ended September 23

Medicinal preparations, 508 pieces; false therapeutic claims.
Medicinal preparations, 248 pieces; false therapeutic claims.

Alabastine Appoints DeWitt

Alabastine Company, in order to adequately service its rapidly growing list of full line Alabastine oil paint agents in Southwestern Michigan, has appointed Edward DeWitt as representative for that territory. Mr. DeWitt has for some time been identified with the paint industry in Grand Rapids and brings to these established accounts a wide experience in the retailing of paints and varnishes.

Pfaltz & Bauer, Inc., importer of scientific instruments, chemicals, and laboratory apparatus, this city, has leased exhibit space at the metals and plastics bureau, International building, Rockefeller Center, for the showing of some of the most modern developments in laboratory equipment, including photo-electric apparatus, fluorescence equipment, microscopes, and balances. The exhibit is open to the public.

N.A.R.D. Revises Fair Trade Plans

(Continued from page 5)

Miller act does not alter the restrictions of the Sherman act upon agreements between manufacturers or between retailers whose effect is to establish or maintain minimum resale prices, and that most States have similar laws. He declared that it was necessary, therefore, that the National Association of Retail Druggists and individual State committees avoid any agreement or any activities which would result in the establishment or maintenance of minimum resale prices either in interstate or intrastate commerce.

Mr. Dargavel's advice that retailers take care not to overstep the legal boundaries of fair trade laws was endorsed by many speakers at the convention. Senator Millard Tydings, of Maryland, one of the sponsors of the national fair trade enabling act, warned that retailers may assume more privileges under fair trade laws than they actually have. He declared that retail druggists need fear no enemy from the outside but should guard against misguided individuals within their own ranks who may try to take more than the law allows them.

Dr. Robert L. Swain, Baltimore, chairman of the association's committee on State and Federal fair trade legislation, urged that retailers avoid even the appearance of coercion, dictation, or duress. "The experiment will fail unless it is allowed to work itself out in a free and orderly manner," he said; "and we destroy its usefulness and undermine its authority when once we seek to apply artificial restraint or unnatural pressure."

Counsel Stresses Pitfalls

Herbert Levy, Baltimore, counsel to the association, stressed the dangers of accepting tribute from manufacturers to finance fair trade activities, or in giving endorsements to contracts. He urged that fair trade be left free to work alone, adding that "it does not require any policeman or committees or lawyers or associations to tell the retailer what side his bread is buttered on."

Rowland Jones, jr., Washington representative of the association, urged retailers to proceed cautiously, and the general tenor of the advice of the association's leaders was that the manufacturer must be left free to compete for the consumer's dollar and the retailer's good will in his own way.

Other resolutions adopted by the convention expressed appreciation of the services of Mr. Dargavel and Mr. Jones, of Senator Tydings, Representative John E. Miller, Representative Wright Patman, the association's executive committee, and the association's journal staff. The association stood in silent prayer for the recovery of its president, Dr. George L. Secord, Chicago, who is seriously ill in a hospital in Kentucky.

Views on Other Matters

The association condemned the practice of liquor and tobacco manufacturers who feature photographs of popular athletes in their advertisement and thus influence minors; urged the enactment of legislation to restrict the sale of prophylactics to drug stores; condemned the practices of government agencies and manufacturers in supplying their employees with all types of merchandise at wholesale prices; requested manufacturers not to deviate from the regular retail prices of biological products in sales to physicians; urged the executive committee to continue its efforts to end unfair practices in the delivery charges of magazines, in marketing 10-cent sizes of drug products, and in seeking tax-free alcohol for the pharmacist's manufacturing operations; urged that a vigorous campaign be started to place hospitals, except charitable institutions, on the same wholesale price basis as retail druggists; urged collaboration with the American Pharmaceutical Association in efforts to modernize pharmacy laws; asked for fair remuneration for the operation of post-office contract stations in drug stores; urged open forum sessions at annual conventions; asked radio announcers to state that radio speakers are not "licensed dentists, physicians, or pharmacists" when such is the case, urged the reelection of John W. Dargavel as executive secretary; and expressed thanks to those who had

contributed to the success of the convention.

New Officers

The association elected the following officers for the ensuing year:—

President, Thomas Smith, Wilmington, Del.

First vice-president, John B. Trepany, Casper, Wyo.

Second vice-president, Walter Varnum, Lawrence, Kan.

Third vice-president, N. G. Miller, Perceville, Va.

Secretary, John W. Dargavel, Chicago.

Treasurer, Zach V. Kerrigan, St. Louis.

Members of the executive committee, Otto Kohl, Cincinnati; Sam Watkins, Dora, Ala.

Truth in Advertising

Earle A. Meyer, executive secretary of the Proprietary Association's advisory committee on advertising, invited the retail druggists to cooperate with his association in its efforts to secure the highest level of accuracy in advertising of packaged medicines. Advertisers, through enlightened self-interest, recognize the wisdom of protecting the public against misleading claims, Mr. Meyer said; and it was in appreciation of this fact that the Proprietary Association entered upon the work of scrutinizing advertisements in its field and advising manufacturers with respect to statements made in their advertising.

Representative Wright Patman discussed his purpose to seek legislation that would restrict the operations of a chain-store group and other distributive corporations to a single State.

Representative John E. Miller, coauthor of the Miller-Tydings amendment, said that the duty of assuring desirable freedom of competition and proper protection of the consumer in endeavors to make competition fair, rested in the bands of business men themselves. Laws help, but practices determine this, he said.

Oils, Fats and Waxes

Fats and Greases

(Continued from page 43)

tive and the market was firmer, sales being reported at an advance of ¼c. to ½c. per pound.

Tallow.—There were reports of a somewhat better inquiry from soapers and other consumers but actual transactions were generally limited to unimportant quantities, large buyers being inclined to hold aloof for further developments. Business in Western centers was also reported as somewhat more active in a jobbing way. Late in the week, however, the market here was easier, sales being reported at a decline of ⅛c.

Trading in tallow futures on the New York Produce Exchange from September 25 to October 1, inclusive, comprised 3 contracts, a total of 180,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.00	7.00	6.95@7.15
November	7.01	7.01	7.00 nom.
December	7.00	7.00	7.00@7.15

Markets at Other Centers

Chicago, Oct. 1.—The cash lard market and related markets have been mostly marking time here lately, but the tone of the market now seems to be a little better than recently. Prices have recovered a bit, and now are just about at parity with a year ago. Shipping trade is reported fair.

The range of lard quotations from the opening Saturday, September 25, to the close Friday, October 1, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$10.75	$11.17	$10.75	$11.15	$11.05
Oct.	10.70	10.95	10.50	11.87	10.80
Dec.	10.50	10.95	10.35	11.82	10.52

TALLOWS (tierces).—Edible, 7½c. to 7¾c. per pound; prime, 7¼c. to 7½c.; A white, 7c. to 7¼c.; fancy, 7c. to 7⅛c.; special, 6½c. to 6¾c.; No. 1, 6⅜c. to 6½c.

GREASES (tierces).—Choice white, 8¼c. to 8½c. per pound; A white, 6¾c. to 7c.; B white, 6½c. to 6¾c.; yellow, 10-16, 6c. to 6¼c.; yellow, 16-20, 5¾c. to 6c.; brown, 5¼c. to 5½c.

STEARINS (barrels).—Prime oleo, 8½c. to 8¾c. per pound; lard, packages, 12¾c. to 13c.; A white grease, 6¾c. to 7c.; yellow grease, 6c. to 6¼c.; extra oleo stocks, 12¼c. to 12½c.; No. 2 stocks, 11½c. to 12c.

Liverpool, Oct. 1.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	Sept. s. d.	Oct. s. d.	Jan. s. d.
Saturday	65 6	57 9	57 0	55 0
Monday	64 6	58 0	56 9	55 0
Tuesday	65 0	.. ..	57 3	55 6
Wednesday	66 0	58 9	59 0	56 0
Thursday	66 6	59 0	59 0	56 9
Friday	67 0	59 9	59 6	57 3

Liverpool, Oct. 1.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	21 9	23 0
Monday	21 0	23 0
Tuesday	.. ..	23 3
Wednesday	.. ..	23 3
Thursday	.. ..	23 3
Friday	.. ..	23 3

Fatty Acids

Red Oil. — The market was easier, quotations being reduced ½c. per pound by makers. There was a fairly active demand, much of the purchasing being of a conservative character.

Stearic Acid.—Selling schedules were lowered ½c. per pound, the tone of the market apparently being steady at the decline. Business lacked snap, but there was a fair demand from local and other consumers.

Markets at Other Centers

Chicago, Oct. 1.—Buyers of fatty acids are coming into the market on a somewhat better scale, it is indicated. Inquiries are more frequent, and shipments are reported a little larger. The special cottonseed items remain in fair position, although in some quarters are reported lower.

FATTY ACIDS.—Corn oil, double distilled, 7½c. to 7¾c. per pound, tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; coconut oil, acidulated, 8c. to 8¼c., tankcar, mostly nominal; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c., tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3c. to 3¼c.; boiled down soap stock, 65 percent basis, 4c. to 4¼c.; cottonseed foots, 50 percent basis, 1½c. to 1¾c.

Waxes

Beeswax. — African wax was down slightly under the influence of greater competition. Prices stood at 26c. to 26½c. per pound in ten bag lots. Brazilian and Chilean waxes were priced actually ½c. under the figures in the previous week, but because of a lack of offerings, the market appeared to be basically firm. Quotations stood at 29½c. to 30c. per pound in quantities of 5 to 10 tons. Prices on refined and bleached material were firm.

Imports in July, by source, were:—

	Pounds.
France	22,400
Portugal	11,008
Mexico	40,690
Cuba	23,717
Dominican Republic	32,433
Republic of Haiti	4,512
Brazil	260,315
British India	4,070
West Africa	13,200
Egypt	43,836
Algeria	24,625
Tunisia	11,019
Madagascar	11,025
Other French Africa	127,048
Morocco	5,512
Other Portuguese Africa	22,615
Total	658,023

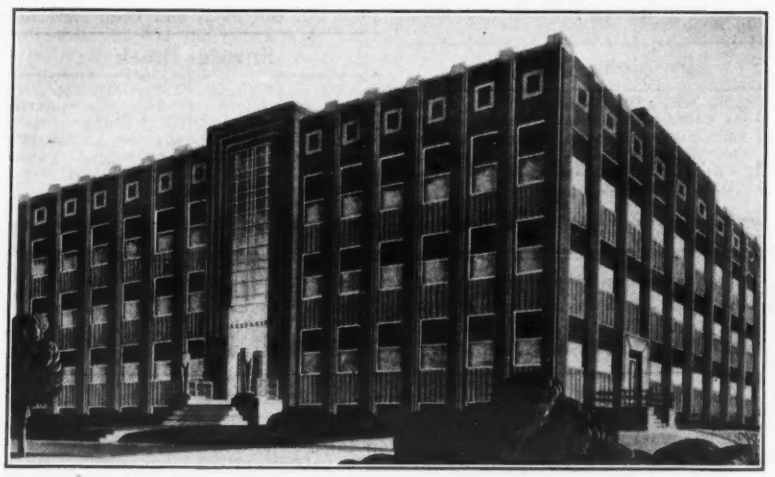
Candelilla. — Not a great deal of interest was shown in this material, but prices seemed to be reasonably steady for the reason that local price views seemed to shape up well with those in the primary market.

Carnauba. — Some unsettlement in the primary market prices were noted. Also, nearby but afloat wax exerted an adverse influence on spot prices. Finally, demand was none too active, being under that normal for this season of the year. New quotations were:—No. 3 chalky, and No. 3 North Country, ton lots, 36c. to 36½c. per pound; 5 bag lots, 36½c. to 37c.; 1 bag lots, 37c. to 37½c.; No. 2 North Country, 39c. to 40c.; No. 1 yellow, ton lots, 45½c. to 46c.; 5 bag lots, 46c. to 46½c.; 1 bag lots, 46½c. to 47c.; No. 2 yellow, 44⅛c. to 44½c.

Japan. — Spot and nearby wax remained firm, but it was possible to buy to moderate advantage in Japan if importers here were disposed to gamble on the goods in future shipment positions being actually despatched. Japanese shippers would not guarantee shipments to be in accordance with basis on which the goods were offered.

Abbott Completes New Research Laboratory

Abbott Laboratories, pharmaceutical manufacturer, North Chicago, Ill., reports the completion of its new research building. It is to be occupied this month, and its formal dedication will occur early next year, which will mark the fiftieth anniversary of the founding of Abbott Laboratories. Special programs and ceremonies are now being arranged for the celebration of the company's golden jubilee year.



Ground was broken for the new research building, pictured herewith, December 21, on which occasion S. DeWitt Clough, president of Abbott Laboratories, stated:

This is an important event. It's importance will grow as the years pass. In this research building, about to be erected, discoveries may be made of great importance to the medical profession. We have all given much thought to this new enterprise, and I hope it will be a great aid and inspiration to our progress toward greater knowledge and understanding.

According to E. H. Ravenscroft, chairman of the board, the new building is 140 by 90 feet, four stories high, and contains 53,000 square feet of space. Included in this figure are 5,500 square feet occupied by a modern auditorium which seats 720 persons, and is complete with projection room, a stage 50 by 25 feet, dressing rooms and check room. This auditorium will be used for sales meetings and various Abbott employee organizations. The new research building faces north and is located south of the administration building. It is faced with tapestry brick, and the imposing entrance is flanked with Minnesota granite surmounted by a panel of glass brick. The decorative designs and features of the entrance and first and second floor lobbies were done by Raymond Loewy.

Dr. E. H. Volwiler, director in charge of research, states that this new building will have control, chemical research, pharmaceutical research, biological, botanical, hormone, bacteriological and micro-analysis laboratories. At present twenty-one technicians will occupy these laboratories. The most up-to-date equipment and plans have gone into the construction of the laboratories in the new building. The individual laboratories were constructed to meet all modern concepts of practicality and convenience in the utilities available, construction and arrangement. Each laboratory has the following utilities at its disposal:—Compressed air, gas, 110-volt electric current, hot, cold, and distilled waters, ceramic wastes and vents, high and low vacuum hood air exhaust. All utilities serving the laboratories are concealed in hollow walls. The pipe gallery, furnishing the utilities to each laboratory, has been placed in the attic. Each research laboratory is serviced with sixteen different pipes of copper, aluminum, copper-bearing steel, black steel, cast iron, ceramic tile, transite, electric tubing and galvanized pipe to furnish these facilities. All the motors are controlled from the laboratories which they serve. The walls of all the laboratories are of terra cotta. The laboratory floors are of composition tile, while these of the halls and corridors are of terrazzo. The ceilings of all laboratories and halls are sound-deadened.

A feature of the research building will be a library to hold 20,000 volumes. A modern humidifying unit has been installed to preserve the books. A large reading room, periodical room, two study rooms and library offices in charge of trained librarians will complete this unit. Ten offices will be provided for the scientific staff, the medical staff and the library staff. In addition there is a first-aid room, hot and cold rooms, dark rooms, storage rooms, glass-blowing room, small scale pharmaceutical manufacturing unit and about 5,000 square feet for additional development in the future.

All offices and laboratories are provided with pressure system of ventilation which removes odors and gases. The micro-analysis laboratory is completely air conditioned within limits of 1% humidity change and one degree temperature change.

Phila. P.V.L.A. Nominates

The nominating committee of the Philadelphia Paint, Varnish and Lacquer Association has made up the following slate for officers to be voted on at the annual meeting October 20:—

For president, Courtland P .Morris; first vice-president, Gilbert Spruance; second vice-president, Howard W. Hock; treasurer, Dr. Franke S. Havens; secretary, George B. Heckel. For the elective members of the executive committee:—Samuel R. Matlack, William A. Gorrell, John H. Stutt, Thomas A. Bruder, Henry R. Dowdy, Harry R. Kluth, John V. Hastings, jr., Joseph A. Morris, Fred L. Meyer; former presidents; S. French Reeves, Charles P. Jarden, William H. Jarden, jr., and Horace S. Felton.

Obituaries

(Continued from page 47)

Copper Corporation, with which he had been associated since 1904, died September 24 in the New England Deaconess hospital, Boston, following an operation performed the day before. He was sixty-five years old. Born in Hannibal, Mo., Mr. Drew received his B. S. degree from the University of Chicago in 1899, and five years later was graduated from the University of Michigan as a mining engineer and entered the employ of the Cerro de Pasco Corporation. He was a member of the American Institute of Mining and Metallurgical Engineers. His home was in Scarborough-on-Hudson, and surviving are his wife, Mrs. Blanche King Drew, and a daughter, Mrs. Elizabeth Drew Tomlinson.

Wilford Hall

Wilford Hall, head of the Wilford Hall Laboratories, Port Chester, N. Y., died of a heart attack September 28 at his home in that city. He was sixty-seven years old. After experience in the making of surgical supplies in Chicago, Boston and this city, Mr. Hall established in 1917 his laboratories in Port Chester.

Surviving are his wife, Mrs. Beatrice Dakin Hall, and two daughters.

Howard P. Knox

Howard Penn Knox, for thirty-four years president of the Knox & Morse Company, chemical engineer, Boston, Mass., died September 26 in his home in Reading, Mass. He was sixty-one years old. Mr. Knox was born in Charlestown, Mass. He served for several years on the Reading town finance committee, and was prominent in the Masonic order. Surviving are his wife, Mrs. Caroline Frost Knox, and two daughters, Mrs. Ralph Michelini, and Miss Barbara Knox.

Harry M. Riddle

Harry M. Riddle, president of the Asbury Graphite Mills, and member of the agricultural committee of the American Bankers' Association, died in his home in Asbury, N. J., September 29. He was seventy-two years old. Mr. Riddle was born in Newhampton, N. J.; attended public schools and Trenton State Normal School. He started grocery stores at Newhampton and Asbury, and in 1895 founded his graphite mills, importing crude graphite from Ceylon and Madagascar and exporting refined graphite to all parts of the world.

Business Wants and Offers

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SALESMAN-CHEMIST, 31 years, 10 years' experience in sale of heavy and fine chemicals (oil industry, laundry and dry cleaning trade, soap manufacturing, insecticide manufacturing, electroplating, etc.). Employed at present. Desires representation of established manufacturing concern for middle western territory. BOX 433, Oil, Paint and Drug Reporter.

FOREIGN REPRESENTATIVE, German, traveling in South and Central America, thoroughly familiar with trade and conditions, representing large well-known essential oil firm, desires additional related lines of interest to the soap and cosmetic industry. Only A1 firms. BOX 442, Oil, Paint and Drug Reporter.

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BRICK BUILDING—One-story, 10,500 sq. ft., concrete floor, high ceiling, live steam available 24 hours day, railroad siding, yard. Heavy industrial zone. Newark, N. J. Low rent. The R. L. Kraft Company, Woolworth building. COrt 7-9377.

Equipment Offered

FOR SALE: 27,000 pounds imported flint pebbles, sizes from 00 to B2, and 9,000 pounds 9-16 in. steel grinding balls, never used. Priced one-third less than market. BOX 428, Oil, Paint and Drug Reporter.

KETTLES—Two 150 gallon steel steam jacketted kettles in good condition. Open for inspection at our plant. Elkay Products Corp., 327 West 16th street, New York City.

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FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

GUARANTEED EQUIPMENT—Jar pebble and ball mills, pony mixers, iron mills; Buhrstone mills, lead and paste mixers; roller mills; pulverizers; filter presses, dryers, glass lined kettles and tanks; vacuum stills; kettles; mixers, pumps. Specialists in hydraulic equipment for the plastic industries. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Equipment Offered

FROM THE $10,000,000 Spreckles liquidation—Three No. 4 Vallez rotary filters; 42-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycles, 220 volts; 150 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant. Consolidated Products-Spreckles Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

FOR SALE—Eighty-five (85) portable cooling units used to pre-cool passenger cars at stations. Each set consists of ice box mounted on 4 wheel truck and is equipped with suitable motor driven blower, suction and delivery hose. For details and plans apply to E. J. Lamneck, Purchasing Agent, Pennsylvania R. R., Broad street station, Philadelphia, Pa.

Formulas Wanted

OUTSTANDING FLAVOR formula wanted for wild cherry, tame cherry, raspberry, and strawberry suitable for hard candies; also rum and butter for creams and caramels or toffee. Submit samples and full information for their use. Communications confidential. BOX 434, Oil, Paint and Drug Reporter.

Instruction

INDUSTRIAL COURSES — Paints, varnishes, cellulose esters, synthetic resins (factory directions), plastics, dyes, oils, cosmetics, soap, sugar, water treatment, etc. (thirty fields); chemistry, chemical engineering and bacteriology; class or mail. Industrial Consultant, 3404C Baring street, Philadelphia, Pa.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

New Products Wanted

LARGE COMPANY, actively engaged in the manufacture and sale of basic drug, pharmaceutical, biological, medicinal, chemical, and associated products, desires to obtain manufacturing and sales rights for new products. Prefers products which can be sold in bulk and in large quantities. BOX 441, Oil, Paint and Drug Reporter.

Partnership Wanted

FIRST CLASS paint and varnish maker wants connection as partner with owner of small paint and varnish factory. Makes the best-selling flat white on the market, gloss, enamels, stipples and a full line. BOX 438, Oil, Paint and Drug Reporter.

Positions Vacant

YOUNG SALESMAN wanted, experienced in the sale of chemicals and various acids for textile, paint and drug trades. Give full particulars in first letter as to education, also products handled in past; state present and previous employment, salary desired, references, etc. BOX 411, Oil, Paint and Drug Reporter.

CHEMICAL PRODUCTS, vegetable oils, fatty acids, wishes services of a young, intelligent man with initiative, to be entrusted with establishing and managing jobbing business in New York. Man must be especially acquainted in import business and have thorough knowledge of means to supply directly big consumers in various industries. Applications to state products handled in the past and what trades supplied; salary desired. BOX 394, Oil, Paint and Drug Reporter.

CHEMIST WANTED with good educational background and five to ten years' experience formulating, testing, and otherwise handling paints, varnishes, and enamels. Salary commensurate with experience. Please give full details with references first reply. All replies confidential. Stamford Laboratories, American Cyanamid Company, Stamford, Conn.

SALESMEN, experienced essential oils, extracts, flavors, colors. Following amongst bakers, ice cream, bottlers, candy, cigar manufacturers; car essential. Travel for old-established concern. State former employers, locality of majority trade. Excellent opportunity. BOX 443, Oil, Paint and Drug Reporter.

Positions Wanted

YOUNG MAN, thirty-six years old, twenty-one years with old established essential oil company, seeks new connection. Well grounded in sources of supply and outlets. Highest references. BOX 435, Oil, Paint and Drug Reporter.

Positions Wanted

PAINT, VARNISH, lacquer chemist, over two years' diversified experience in chemical laboratory of large manufacturer; one year as active head of analytical department; excellent scholastic record; unmarried; age 24; will locate anywhere; $2,400. BOX 422, Oil, Paint and Drug Reporter.

SALESMAN—Young man, college educated, 10 years' selling experience in paint, varnish road sales and retail management, desires position either road or retail. Good health and personality; can produce results. Proposition must be good and company financially sound. BOX 436, Oil, Paint and Drug Reporter.

PRACTICAL and technical paint and varnish maker wants position as plant manager or superintendent. Makes a very successful line of white goods, industrial finishes, and general line of paints and varnishes. Good tinter and production man. BOX 439, Oil, Paint and Drug Reporter.

STOREKEEPER and stock record clerk, technical education laboratory experience in broad range of chemicals, desires position. BOX 440, Oil, Paint and Drug Reporter.

RESEARCH CHEMIST who has specialized in celanese colors and solvents. BOX 444, Oil, Paint and Drug Reporter.

PLANT CHEMIST with sales experience in petroleum products and dyestuffs. BOX 445, Oil, Paint and Drug Reporter.

CHEMIST and bacteriologist with diversified experience in food industry wishes to establish a contact with biological laboratory or with an establishment interested in control and development of products of fermentation. BOX 446, Oil, Paint and Drug Reporter.

Services Wanted

JOBBER-IMPORTER-exporter in vegetable oils, fatty acids, glycerine, technical chemicals for industries, wishes connection with experienced chemist who is well acquainted with requirements of the soap, textile, leather, rubber, paper, varnish, as well as chemical, pharmaceutical, and cosmetic industries, and who can advise on addition of new products. Replies to state in detail past experience, and references. BOX 424, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 233 Fourth avenue, New York, STuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1,000 gals., some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ⅛" to 2" dia.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
3—Buffalo 32"x90" Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.
8—Copper and Aluminum Jacketed Kettles, 175 to 400 gals.
9—Roller Mills 3x10 up to 16x40.

Miscellaneous: Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

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International-Orange Paints Are Defined

Federal specifications (TT-P-59) have been issued for ready-mixed international-orange paints. They embrace three types of product:—(A) Chrome orange linseed oil paint, (B) Chrome orange-glyceryl phthalate enamel paint, (C) organic pigment-glycerylphthalate enamel paint.

Type A must contain not less than 68 percent of C.P. chrome orange (minimum strength, 90 percent); not more than 32 percent of liquid (containing at least 80 percent of linseed oil); not more than 1 percent of water; and not more than 2 percent of the pigment weight of total residue on a 325 sieve.

Type B must contain not less than 45 percent of C.P. chrome orange and not more than 55 percent of liquid (glyceryl phthalate type varnish, containing at least 50 percent of nonvolatile matter, free from rosin or rosin derivatives).

Type C must consist of a pure organic, vivid orange-red toner (dinitroanilin orange coupled with betanaphthol) in glyceryl phthalate type varnish of the sort specified for type B.

The specifications contain comprehensive details of physical properties of the paints and of methods of inspection and testing. Copies are obtainable from the Superintendent of Documents, Government Printing Office, Washington, at 5 cents each.

Standard Varnish Workers Form 'Old Timers' Club

Employees of the Elm Park, Staten Island, plant of Standard Varnish Works, with records of 25 years or more service with the company, have formed an "Old Timers" club. Adam Maidhof, who has been with the companys 48 years, was chosen president. Other officers are:—Vice-president, Edward Elzenbeck; treasurer, Bruno Krause, and secretary, Carl F. Lesch. There are thirteen members of the club with an aggregate of 475 years of continuous service with the Standard Varnish Company, a number of whom started work with the company in its original plant in New York City.

American Potash & Chemical Corporation has appointed J. W. McGinnis manager of the Chicago office. Mr. McGinnis was assistant to E. M. Kolb of the corporation's Baltimore office. R. B. Putnam has been engaged to succeed Mr. McGinnis in Baltimore.

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C. H. BOLEY CO., Philadelphia, Pa.—textile chemical manufacturers.
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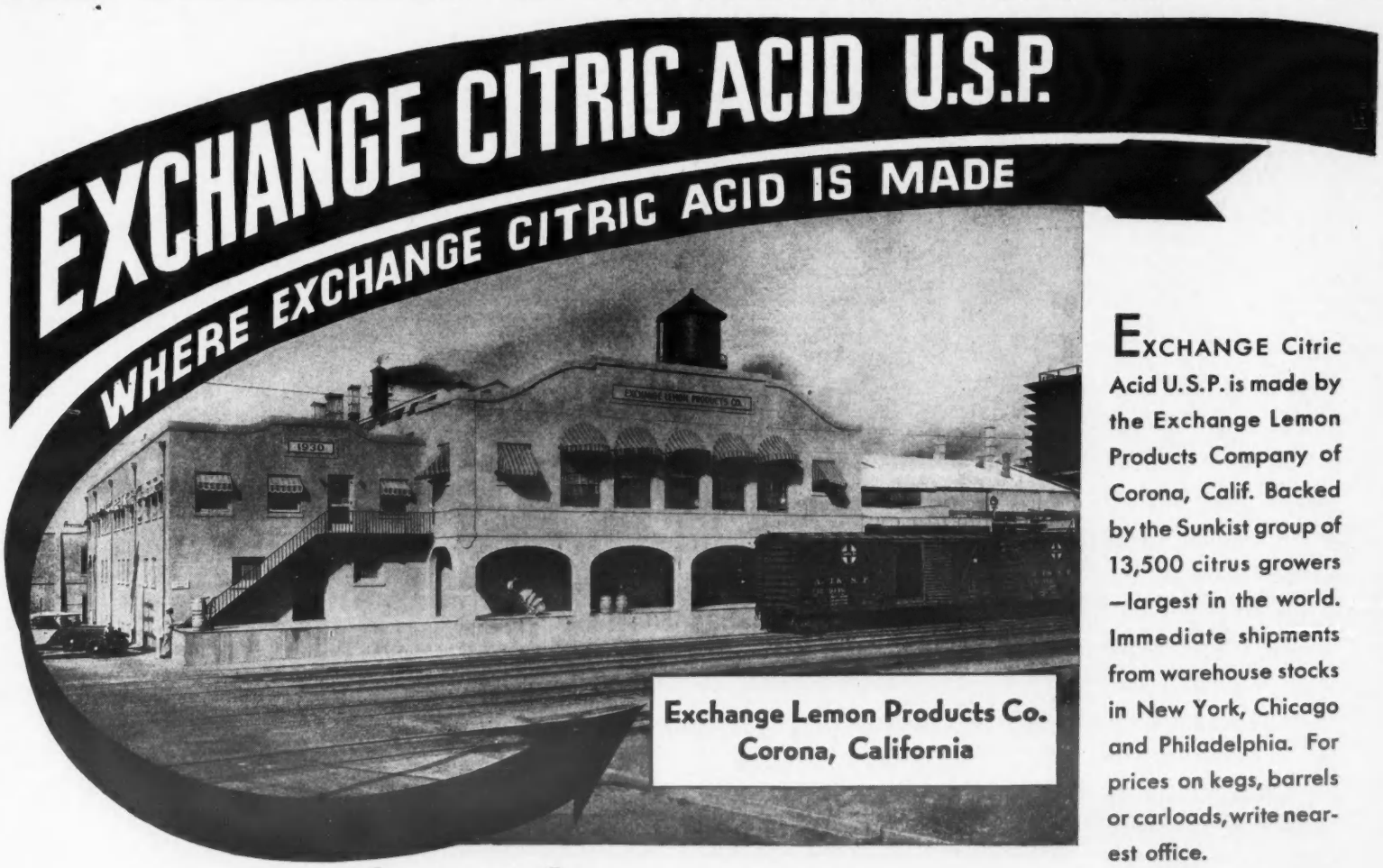

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Dichlorethylene—"Di-48-60" (Mixture of Di-48 and Di-60)	119.1	10.61
Chloroform	142.2	12.43
Carbon Tetrachloride	170.1	13.31
Trichlorethylene	188.1	12.20
Trichlorethane (Beta)	236.3	12.04
Tetrachlorethylene (Perchlorethylene)	249.4	13.55
Tetrachlorethane (Acetylene Tetrachloride)	295.3	13.31
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